

The Commonwealth of Massachusetts.

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1911  
ASSESSMENTS

FOR  
INTEREST, SINKING FUNDS  
AND MAINTENANCE  
OF THE  
METROPOLITAN DISTRICTS.

---

ISSUED BY THE  
TREASURER AND RECEIVER-GENERAL.



BOSTON:  
WRIGHT & POTTER PRINTING CO., STATE PRINTERS,  
18 POST OFFICE SQUARE.  
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STATE HOUSE, BOSTON.

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TO  
ATTORNEY GENERAL

# The Commonwealth of Massachusetts.

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TREASURY DEPARTMENT, Sept. 1, 1911.

Computations for the annual assessments for interest, sinking fund, serial bond payments and maintenance for 1911, to be paid by the cities and towns comprising the various metropolitan districts, are printed and sent to the cities and towns in said districts in compliance with chapter 526 of the Acts of the year 1911, herewith submitted: —

## CHAPTER 526.

AN ACT TO PROVIDE FOR PUBLISHING IN THE SERIES OF PUBLIC DOCUMENTS CERTAIN STATEMENTS RELATIVE TO THE METROPOLITAN PARKS, SEWERAGE AND WATER DISTRICTS.

*Be it enacted, etc., as follows:*

SECTION 1. The treasurer and receiver general shall annually, as soon after the prorogation of the general court as is practicable, cause to be published statements showing the assessments for interest, sinking funds and maintenance requirements due from cities and towns in the metropolitan sewerage systems, north and south, metropolitan parks and water districts; a statement showing the several classes of debts incurred for metropolitan district purposes, and the share of the cities and towns in the several districts as measured by the basis used in computing the assessments mentioned in the first statement; and such other statements, if any, as he may deem advisable.

SECTION 2. Two thousand copies of the said statements shall be printed and numbered as one of the public document series. The expense of printing shall be apportioned and paid in equal parts from the maintenance funds of the sewerage systems, north and south, the parks system and water system.

SECTION 3. Chapter five hundred and seventeen of the acts of the year nineteen hundred and ten is hereby repealed.

SECTION 4. This act shall take effect upon its passage. [*Approved June 6, 1911.*]

The apportionment commissioners last appointed under the Acts of the year 1899, chapter 419, not having submitted a report before July 1, 1910, assessments for the year 1910 were

made as of the previous apportionment. Said commissioners having since rendered their report, and the same having been accepted and approved by the Supreme Judicial Court, the 1911 assessments have been apportioned in accordance therewith, and the assessments of 1910 adjusted thereto, as provided by chapter 457 of the Acts of the year 1905, herewith submitted: —

CHAPTER 457.

AN ACT RELATIVE TO ASSESSMENTS UPON CITIES AND TOWNS IN THE  
METROPOLITAN WATER, SEWERAGE AND PARK DISTRICTS.

*Be it enacted, etc., as follows:*

SECTION 1. In case any apportionment for assessment upon the cities and towns of either the metropolitan water, sewerage or park districts shall not have been finally determined by July first of any year, the last apportionment thereof shall remain in force for the purpose of assessment during such current year. Any difference between such apportionment when finally made by the commission, for such year, and the pre-existing apportionment above referred to, shall be adjusted with such city or town by the treasurer and receiver general in the assessment of the succeeding year by a deduction therefrom or an addition thereto, as may be required to give effect to the said apportionment when made as aforesaid.

SECTION 2. This act shall take effect upon its passage. [*Approved May 25, 1905.*]

The commission also, under authority of section 9 of chapter 465 of the Acts of the year 1903, as amended by section 2 of chapter 402 of the Acts of the year 1906, determined and awarded the proportions in which the several cities and towns of the metropolitan parks district shall annually pay money into the treasury of the Commonwealth necessary to meet the sinking fund, interest and maintenance requirements and all other lawful charges with reference to the Charles River dam and basin, and other work connected therewith, for the term beginning Jan. 1, 1910, until the first day of January of the year in which a new award is made, as provided by law, and said assessments have been made in accordance with their determination and award.

In the tables showing the net debts of the metropolitan district, the sinking funds are given as of June 1, 1911.

ELMER A. STEVENS,

*Treasurer and Receiver-General.*



*Total Assessments of the Metropolitan Districts for 1911.*

	Metropolitan Water.	Metropolitan Parks and Boulevards.	Metropolitan Sewer, North and South Systems.	Charles River Basin.	Total.
Arlington, . .	\$18,249 50	\$11,030 02	\$10,948 34 <sup>N</sup>	\$2,879 39	\$43,107 25
Belmont, . .	7,439 82	6,124 65	6,007 21 <sup>N</sup>	1,638 86	21,210 54
Boston, . .	1,825,362 87	601,526 77	<div> <div>202,379 19<sup>s</sup></div> <div>77,610 33<sup>N</sup></div> </div>	476,001 28	3,182,880 44
Braintree, . .	—	1,218 19	—	1,546 09	2,764 28
Brookline, . .	—	46,748 86	84,798 49 <sup>s</sup>	28,327 37	159,874 72
Cambridge, . .	—	62,400 39	103,511 80 <sup>N</sup>	161,546 14	327,458 33
Canton, . .	—	624 23	—	1,103 08	1,727 31
Chelsea, . .	50,649 44	12,921 49	25,718 84 <sup>N</sup>	6,089 75	95,379 52
Cohasset, . .	—	195 64	—	—	195 64
Dedham, . .	—	7,099 21	11,571 71 <sup>s</sup>	3,409 05	22,079 97
Dover, . .	—	2,982 96	—	1,370 96	4,353 92
Everett, . .	47,962 56	15,786 81	27,209 17 <sup>N</sup>	6,531 84	97,490 38
Hingham, . .	—	1,662 11	—	1,658 14	3,320 25
Hull, . .	—	1,149 76	—	1,340 35	2,490 11
Hyde Park, . .	1,288 44	10,560 35	14,211 55 <sup>s</sup>	3,596 41	29,656 75
Lexington, . .	8,238 55	—	4,210 15 <sup>N</sup>	—	12,448 70
Lynn, . .	—	47,010 57	—	17,707 13	64,717 70
Malden, . .	43,828 06	29,484 24	41,700 23 <sup>N</sup>	10,757 71	125,770 24
Medford, . .	30,159 23	18,024 98	22,263 45 <sup>N</sup>	5,796 45	76,244 11
Melrose, . .	21,200 18	11,634 39	15,496 52 <sup>N</sup>	4,076 16	52,407 25
Milton, . .	16,036 02	18,171 09	21,757 47 <sup>s</sup>	7,179 66	63,144 24
Nahant, . .	5,308 47	7,395 71	—	1,932 14	14,636 32
Needham, . .	—	3,636 02	—	1,470 77	5,106 79
Newton, . .	6,476 92	36,152 80	63,876 87 <sup>s</sup>	19,315 37	125,821 96
Quincy, . .	54,410 43	30,237 95	29,264 37 <sup>s</sup>	7,311 00	121,223 75
Reading, . .	—	65 12	—	—	65 12
Revere, . .	26,022 35	10,113 34	15,308 99 <sup>N</sup>	3,740 00	55,184 68
Saugus, . .	—	3,946 40	—	1,390 25	5,336 65
Somerville, . .	115,094 29	39,512 91	64,250 86 <sup>N</sup>	15,631 40	234,489 46
Stoneham, . .	11,255 28	3,191 86	5,346 50 <sup>N</sup>	1,234 42	21,028 06
Swampscott, . .	10,651 30	4,482 64	—	2,692 95	17,826 89
Wakefield, . .	—	5,479 53	9,505 15 <sup>N</sup>	2,312 09	17,296 77
Waltham, . .	—	15,922 90	26,560 46 <sup>s</sup>	6,825 14	49,308 50
Watertown, . .	18,569 01	8,058 16	13,749 10 <sup>s</sup>	3,696 22	44,072 49
Wellesley, . .	—	7,656 71	—	3,664 69	11,321 40
Weston, . .	—	3,755 71	—	2,087 99	5,843 70
Westwood, . .	—	522 44	—	654 87	1,177 31
Weymouth, . .	—	1,389 78	—	1,988 17	3,377 95
Winchester, . .	—	8,862 83	11,566,58 <sup>N</sup>	3,303 12	23,732 53
Winthrop, . .	14,819 25	7,146 30	10,773 33 <sup>N</sup>	2,917 05	35,655 93
Woburn, . .	—	6,212 61	11,883 88 <sup>N</sup>	2,785 71	20,882 20
	\$2,333,021 97	\$1,110,098 43 <sup>1</sup>	\$931,480 54	\$827,509 17	\$5,202,110 11

N, North System.

S, South System.

<sup>1</sup> Includes \$12,632.83 special assessments on Wellington and Wellesley bridges, also Alewife Brook.

## STATEMENT I.

## METROPOLITAN WATER DISTRICT.

*Total Water Debt, April 1, 1911.*

The gross metropolitan water debt, April 1, 1911, was . . . \$41,598,000 00  
 an increase for the year of \$200,000.

The sinking funds established for payment of same April 1, 1911,  
 amounted to . . . . . 8,183,891 46  
 an increase for the year of \$863,259.59.

The net metropolitan water debt April 1, 1911, . . . . \$33,414,108 54  
 a decrease for the year of \$663,259.59.

*Total Metropolitan Water Assessments for 1911.*

Sinking fund requirements (see page 7), . . . . \$515,369 00  
 Serial bond, . . . . . 5,000 00

Interest:—

One year on \$41,398,000,	\$1,393,435 00	
Six months on \$200,000,	3,500 00	
Interest on advances		
estimated, 1911,	25,000 00	
	<hr/>	\$1,421,935 00

Less interest on advances over-

estimated in 1910, . . .	\$5,323 79	
Accrued interest, . . .	641 66	
Interest on deposits, . . .	88 29	
	<hr/>	6,053 74
		<hr/>
		1,415,881 26

Maintenance as appropriated by Legislature, \$419,800 00

Less balance on hand, . . . .	23,028 29	
	<hr/>	396,771 71

Total water assessment for 1911, . . . .	\$2,333,021 97
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## METROPOLITAN WATER LOAN.

*Sinking Fund.*

BONDS ISSUED.	Due Date.	Sinking Fund Dec. 1, 1910.	Amount of 1910 Sinking Fund at Maturity of Loan, Accumu- lations reckoned at 3 Per Cent.	Balance to be sunk.	Sinking Fund Re- quirements in 1911.
\$13,000,000	July, 1935	\$3,625,110 30	\$7,518,951 61	\$5,481,048 39	\$156,416 00
4,000,000	Jan., 1938	920,697 73	2,057,232 35	1,942,767 65	47,569 00
4,000,000	July, 1939	760,648 37	1,777,249 24	2,222,750 76	50,839 00
10,000,000	Jan., 1941	1,562,093 62	3,816,537 95	6,183,462 05	129,499 00
3,500,000	Jan., 1942	509,875 65	1,283,390 68	2,216,609 32	44,163 00
2,000,000	Jan., 1943	244,837 35	634,898 59	1,365,101 41	25,899 00
2,000,000	Jan., 1944	213,841 30	571,281 76	1,428,718 24	25,835 00
650,000	Jan., 1945	94,016 76	258,759 40	391,240 60	6,749 00
1,350,000	Jan., 1946	115,339 53	327,040 18	1,022,959 82	16,846 00
398,000	Jan., 1949	15,375 41	47,670 08	350,329 92	5,042 00
500,000	Jan., 1950	8,547 44	27,301 55	472,698 45	6,512 00
\$41,398,000	—	\$8,070,383 46	\$18,320,313 39	\$23,077,686 61	\$515,369 00

*Computations for determining the Assessment for 1911. (See Chapter 488, Acts of 1895, as amended in 1901, 1904 and 1906.)*

[The proportion to be paid by each city and town is based on the ratio of its valuation of property to its consumption of water, with double weight being given to consumption. The last column shows the total ratio to be paid by each city and town of the whole assessment. To find each town's assessment, multiply the total assessment by the average ratio.]

CITIES AND TOWNS.	Valuation May 1, 1910.	Average Daily Con- sumption (Gallons), 1910.	RATIO OF TOTALS.		Average Ratio, Double Weight to Consump- tion.
			Valuation.	Consump- tion.	
Boston, . . .	\$1,393,765,423	87,346,700	.788,727,414	.779,240,464	.782,402,781
Chelsea, . . .	25,720,100	2,834,500	.014,554,923	.025,287,241	.021,709,802
Everett, . . .	27,777,700	2,575,600	.015,719,312	.022,977,534	.020,558,127
Malden, . . .	40,491,334	1,874,400	.022,913,945	.016,721,964	.018,785,958
Medford, . . .	23,683,100	1,422,400	.013,402,191	.012,689,565	.012,927,107
Melrose, . . .	16,463,865	1,005,700	.009,316,849	.008,972,087	.009,087,008
Newton, <sup>1</sup> . . .	14,717,502	—	.008,328,588	—	.002,776,196
Quincy, . . .	32,456,380	2,891,900	.018,366,962	.025,799,320	.023,321,867
Somerville, . . .	66,376,338	6,189,500	.037,562,158	.055,217,986	.049,332,710
Arlington, . . .	11,887,267	938,200	.006,726,966	.008,369,903	.007,822,257
Belmont, . . .	6,516,525	329,500	.003,687,681	.002,939,547	.003,188,925
Hyde Park, <sup>1</sup> . . .	2,927,715	—	.001,656,784	—	.000,552,261
Lexington, . . .	7,826,980	345,500	.004,429,263	.003,082,287	.003,531,279
Milton, . . .	26,689,650	309,200	.015,103,588	.002,758,446	.006,873,493
Nahant, . . .	8,225,248	121,700	.004,654,642	.001,085,714	.002,275,357
Revere, . . .	17,719,612	1,313,400	.010,027,472	.011,717,150	.011,153,924
Stoneham, . . .	5,055,916	650,800	.002,861,127	.005,805,940	.004,824,335
Swampscott, . . .	11,187,540	412,800	.006,330,993	.003,682,686	.004,565,455
Watertown, . . .	14,423,061	880,800	.008,161,964	.007,857,824	.007,959,204
Winthrop, . . .	13,195,300	649,500	.007,467,178	.005,794,342	.006,351,954
	\$1,767,106,606	112,092,100	1,000,000,000	1,000,000,000	1,000,000,000

<sup>1</sup> In accordance with the provisions of the act above referred to, but one-fifth of the total valuation and no consumption has been taken, for at present these towns have a sufficient supply, and have not made application for water.

## METROPOLITAN WATER LOAN.

*Division of the Assessment for 1911 into Cost of Maintenance, Interest and Sinking Fund Requirements.*

CITIES AND TOWNS.	Interest.	Sinking Fund.	Cost of Maintenance.	Serial Bond.	Total Assessment.
Boston, . . . .	\$1,107,789 43	\$403,226 14	\$310,435 29	\$3,912 01	\$1,825,362 87
Chelsea, . . . .	30,738 50	11,188 56	8,613 83	108 55	50,649 44
Everett, . . . .	29,107 87	10,595 02	8,156 88	102 79	47,962 56
Malden, . . . .	26,598 69	9,681 70	7,453 74	93 93	43,828 06
Medford, . . . .	18,303 25	6,662 23	5,129 11	64 64	30,159 23
Melrose, . . . .	12,866 12	4,683 16	3,605 47	45 43	21,200 18
Newton, . . . .	3,930 76	1,430 76	1,101 52	13 88	6,476 92
Quincy, . . . .	33,020 99	12,019 37	9,253 46	116 61	54,410 43
Somerville, . . . .	69,849 26	25,424 55	19,573 82	246 66	115,094 29
Arlington, . . . .	11,075 39	4,031 35	3,103 65	39 11	18,249 50
Belmont, . . . .	4,515 14	1,643 47	1,265 27	15 94	7,439 82
Hyde Park, . . . .	781 94	284 62	219 12	2 76	1,288 44
Lexington, . . . .	4,999 87	1,819 91	1,401 11	17 66	8,238 55
Milton, . . . .	9,732 05	3,542 39	2,727 21	34 37	16,036 02
Nahant, . . . .	3,221 64	1,172 65	902 80	11 38	5,308 47
Revere, . . . .	15,792 63	5,748 39	4,425 56	55 77	26,022 35
Stoneham, . . . .	6,830 69	2,486 31	1,914 16	24 12	11,255 28
Swampscott, . . . .	6,464 14	2,352 89	1,811 44	22 83	10,651 30
Watertown, . . . .	11,269 29	4,101 93	3,157 99	39 80	18,569 01
Winthrop, . . . .	8,993 61	3,273 60	2,520 28	31 76	14,819 25
	\$1,415,881 26	\$515,369 00	\$396,771 71	\$5,000 00	\$2,333,021 97

*Comparison of Total Assessments, 1910 and 1911, with Revenue from  
Water Rates in 1910.*

CITIES AND TOWNS.	WATER ASSESSMENTS.		Water Revenue received by Cities and Towns, 1910.
	1910.	1911.	
Boston, . . . . .	\$1,815,658 85	\$1,825,362 87	\$2,829,055 96 <sup>1</sup>
Chelsea, . . . . .	47,716 42	50,649 44	124,317 13
Everett, . . . . .	45,937 13	47,962 56	104,874 52 <sup>2</sup>
Malden, . . . . .	42,302 82	43,828 06	91,691 64 <sup>1</sup>
Medford, . . . . .	32,690 39	30,159 23	70,781 31 <sup>3</sup>
Melrose, . . . . .	19,640 91	21,200 18	45,697 15 <sup>1</sup>
Newton, . . . . .	6,370 34	6,476 92	— <sup>4</sup>
Quincy, . . . . .	50,950 31	54,410 43	115,766 57 <sup>1</sup>
Somerville, . . . . .	110,056 25	115,094 29	235,718 79 <sup>1</sup>
Arlington, . . . . .	16,241 07	18,249 50	50,280 86
Belmont, . . . . .	6,812 68	7,439 82	18,275 92 <sup>2</sup>
Hyde Park, . . . . .	1,316 24	1,288 44	— <sup>4</sup>
Lexington, . . . . .	7,501 34	8,238 55	24,966 17
Milton, . . . . .	15,113 85	16,036 02	47,986 44
Nahant, . . . . .	4,357 11	5,308 47	11,131 76
Revere, . . . . .	23,139 93	26,022 35	71,508 34
Stoneham, . . . . .	9,670 13	11,255 28	25,581 78 <sup>2</sup>
Swampscott, . . . . .	9,547 88	10,651 30	35,877 47
Watertown, . . . . .	16,082 35	18,569 01	53,310 51
Winthrop, . . . . .	16,681 77	14,819 25	51,130 26
	\$2,297,787 77	\$2,333,021 97	\$4,007,952 58

<sup>1</sup> No money received for hydrant rentals or water used for street watering or other municipal purposes.

<sup>2</sup> No money received for hydrant rentals or water used for street watering.

<sup>3</sup> No money received for hydrant rentals.

<sup>4</sup> Not taking water from the district.

*Net Water Debt of Cities in the Original Metropolitan Water District.*

CITIES.	1910.	1911.	Reduction.
Boston, . . . . .	\$491,340 00	\$386,765 45	\$104,574 55
Somerville, . . . . .	56,000 00	50,000 00	6,000 00
Chelsea, . . . . .	157,984 00	146,729 00	11,255 00
Everett, . . . . .	85,953 49	74,391 92	11,561 57
Malden, . . . . .	78,259 21	64,148 57	14,110 64
Medford, . . . . .	—2,497 20 <sup>1</sup>	—8,575 51 <sup>1</sup>	6,078 31
Melrose, . . . . .	85,697 32	88,029 45	2,332 13 <sup>2</sup>
	\$952,736 82	\$801,488 88	\$151,247 94

<sup>1</sup> Amount in sinking fund greater than outstanding debt.

<sup>2</sup> Increase.

## STATEMENT II.

## METROPOLITAN PARKS DISTRICT.

The gross metropolitan parks debt, April 1, 1911, was . . . \$9,535,000 00  
an increase for the year of \$50,000.

The sinking funds established for payment of same, April 1, 1911,  
amounted to . . . . . 2,107,302 67  
an increase for the year of \$205,413.58.

Net metropolitan parks debt, April 1, 1911, . . . . . \$7,427,697 33  
a decrease for the year of \$155,413.58.

## BOULEVARDS.

The gross metropolitan parks, series two, debt (boulevards) (one-half), April 1, 1911, was . . . . . \$2,567,500 00  
showing no increase for the past year.

The sinking funds established for payment of same, April 1, 1911,  
amounted to . . . . . 501,643 36  
an increase for the year of \$50,253.84.

The net metropolitan parks, series two (boulevards) debt, April 1, 1911, was . . . . . \$2,065,856 64  
a decrease for the year of \$50,253.84.

## METROPOLITAN PARKS LOAN.

The total parks assessment for 1911 is made up as follows:—

Parks sinking fund, . . . . .	\$109,104 00	
Parks, series two, sinking fund, . . . . .	30,538 00	
Nantasket sinking fund, . . . . .	7,791 00	
		\$147,433 00
Serial bond, . . . . .		2,000 00
Parks interest:—		
One year on \$8,785,000, . . . . .	\$301,225 00	
Six months on \$50,000, . . . . .	875 00	
Interest on advances estimated, . . . . .	5,000 00	
		\$307,100 00
Less interest on advances over collected, . . . . .	\$1,161 40	
Less accrued interest, . . . . .	184 72	
		1,346 12
<i>Amounts carried forward, . . . . .</i>	<i>\$305,753 88</i>	<i>\$149,433 00</i>

*Amounts brought forward,* . . . . \$305,753 88    \$149,433 00

Parks, series two, interest:—

One year on \$2,567,500, . . . \$87,737 50

Interest on advances, 1910,  
not assessed, . . . . 905 48

Interest on advances esti-  
mated, . . . . . 1,000 00

89,642 98

Nantasket interest,

One year on \$700,000, . . . . . 21,000 00

416,396 86

Parks maintenance, . . . . \$407,466 99

Less balance on hand, . . . . 82 82

\$407,384 17

Boulevard maintenance, one-half, \$94,741 50

Less balance on hand, one-half, 224 51

94,516 99

Nantasket maintenance, . . . \$26,500 00

Less balance on hand, . . . . 21 36

26,478 64

528,379 80

Wellington Bridge maintenance, one-half, . . \$3,256 00

Less balance on hand, one-half, . . . . 06

3,255 94

Total parks assessment for 1911, . . . . . \$1,097,465 60



METROPOLITAN PARKS, INCLUDING BOULEVARDS, NANTASKET, AND  
SERIAL LOANS.

*Total Assessments and Grand Total.*

	Total Sinking Fund.	Total Interest.	Total Main- tenance.	Total Serial Bonds.	Grand Total.
Boston, . . . .	\$80,894 71	\$228,008 33	\$291,434 67	\$1,189 06	\$601,526 77
Cambridge, . . . .	7,928 23	22,402 92	28,431 15	106 56	58,868 86
Chelsea, . . . .	1,708 96	4,831 00	6,355 75	25 78	12,921 49
Everett, . . . .	2,064 43	5,853 84	7,841 18	27 36	15,786 81
Lynn, . . . .	6,199 73	17,484 96	23,252 06	73 82	47,010 57
Malden, . . . .	3,786 65	10,716 92	14,026 31	42 70	28,572 58
Medford, . . . .	2,274 87	6,526 58	7,963 43	22 84	16,787 72
Melrose, . . . .	1,583 40	4,495 16	5,539 89	15 94	11,634 39
Newton, . . . .	4,684 68	13,202 33	16,955 79	68 00	34,910 80
Quincy, . . . .	4,123 89	11,763 35	14,321 15	29 56	30,237 95
Somerville, . . . .	5,030 06	14,205 35	18,497 03	64 82	37,797 26
Waltham, . . . .	2,110 28	5,949 18	7,836 42	27 02	15,922 90
Woburn, . . . .	825 63	2,326 01	3,049 09	11 88	6,212 61
Arlington, . . . .	1,254 57	3,564 86	4,395 98	11 28	9,226 69
Belmont, . . . .	662 34	1,882 53	2,296 18	6 24	4,847 29
Braintree, . . . .	174 59	492 16	548 10	3 34	1,218 19
Brookline, . . . .	6,304 31	17,768 06	22,583 43	93 06	46,748 86
Canton, . . . .	93 61	263 50	264 74	2 38	624 23
Cohasset, . . . .	27 59	74 34	93 71	—	195 64
Dedham, . . . .	945 57	2,665 72	3,475 44	12 48	7,099 21
Dover, . . . .	395 30	1,117 29	1,467 41	2 96	2,982 96
Hingham, . . . .	232 16	654 96	771 41	3 58	1,662 11
Hull, . . . .	163 21	460 20	523 47	2 88	1,149 76
Hyde Park, . . . .	1,420 40	4,027 22	5,098 31	14 42	10,560 35
Milton, . . . .	2,490 04	7,123 55	8,533 74	23 76	18,171 09
Nahant, . . . .	1,064 82	3,072 05	3,254 68	4 16	7,395 71
Needham, . . . .	480 52	1,355 25	1,794 65	5 60	3,636 02
Revere, . . . .	1,332 32	3,831 79	4,933 77	15 46	10,113 34
Saugus, . . . .	519 03	1,463 66	1,957 69	6 02	3,946 40
Stoneham, . . . .	395 98	1,117 57	1,445 05	5 34	2,963 94
Swampscott, . . . .	604 64	1,703 20	2,165 18	9 62	4,482 64
Wakefield, . . . .	725 87	2,045 91	2,698 17	9 58	5,479 53
Watertown, . . . .	1,071 22	3,019 68	3,953 10	14 16	8,058 16
Wellesley, . . . .	940 59	2,652 07	3,430 63	12 42	7,035 71
Weston, . . . .	503 84	1,420 46	1,824 53	6 88	3,755 71
Westwood, . . . .	74 74	210 75	235 53	1 42	522 44
Weymouth, . . . .	202 25	569 86	613 39	4 28	1,389 78
Winchester, . . . .	1,193 17	3,409 75	4,247 75	12 16	8,862 83
Winthrop, . . . .	944 80	2,664 54	3,525 78	11 18	7,146 30
	\$147,433 00	\$416,396 86	\$531,635 74	\$2,000 00	\$1,097,465 60 <sup>1</sup>

<sup>1</sup> Exclusive of \$12,632.83 special assessments for Wellington and Wellesley bridges, also Alewife Brook, which are included on page 4.



## METROPOLITAN PARKS.

The total amount of bonds issued for the metropolitan parks is \$16,527,500, including one-half of those for the boulevards, also called series two, those for the improvement of the Charles River basin, \$185,-317.42 for the Wellington Bridge, \$16,000 for Newton and Wellesley bridge, and \$125,000 for Alewife Brook.

*Proportions to be paid annually as found by Commissioners.*

	Parks, 1910-1915.	Boulevards, 1910-1915.	Nantasket, 1910-1915.
Boston, . . . . .	.59453	.46943	.60768
Cambridge, . . . . .	.05328	.05317	.04879
Chelsea, . . . . .	.01289	.01463	.01090
Everett, . . . . .	.01368	.02184	.01169
Lynn, . . . . .	.03691	.02480	.03168
Malden, . . . . .	.02135	.02644	.01925
Medford, . . . . .	.01142	.04294	.01038
Melrose, . . . . .	.00797	.01322	.00730
Newton, . . . . .	.03400	.02602	.03457
Quincy, . . . . .	.01478	.04393	.01309
Somerville, . . . . .	.03241	.02929	.02797
Waltham, . . . . .	.01351	.00919	.01222
Woburn, . . . . .	.00594	.00375	.00498
Arlington, . . . . .	.00564	.01057	.00515
Belmont, . . . . .	.00312	.00594	.00293
Braintree, . . . . .	.00167	.00208	.00277
Brookline, . . . . .	.04653	.03815	.05068
Canton, . . . . .	.00119	.00148	.00197
Cohasset, . . . . .	—	—	.00360
Dedham, . . . . .	.00624	.00459	.00609
Dover, . . . . .	.00148	.00185	.00245
Hingham, . . . . .	.00179	.00223	.00296
Hull, . . . . .	.00144	.00180	.00240
Hyde Park, . . . . .	.00721	.01052	.00643
Milton, . . . . .	.01188	.03957	.01284
Nahant, . . . . .	.00208	.02020	.00345
Needham, . . . . .	.00280	.00198	.00263
Revere, . . . . .	.00773	.03093	.00670
Saugus, . . . . .	.00301	.00188	.00249
Stoneham, . . . . .	.00267	.00214	.00222
Swampscott, . . . . .	.00481	.00363	.00482
Wakefield, . . . . .	.00479	.00311	.00414
Watertown, . . . . .	.00708	.00498	.00662
Wellesley, . . . . .	.00621	.00493	.00655
Weston, . . . . .	.00344	.00281	.00374
Westwood, . . . . .	.00071	.00088	.00117
Weymouth, . . . . .	.00214	.00268	.00356
Winchester, . . . . .	.00608	.01849	.00591
Winthrop, . . . . .	.00559	.00393	.00523
	1.00000	1.00000	1.00000

## METROPOLITAN PARKS LOANS.

*Sinking Fund.*

BONDS ISSUED.	Due Dates.	Sinking Fund Dec. 1, 1910.	Amount of Dec. 1, 1910, Sinking Fund at Maturity of Loan, Accumulations reckoned at 3 Per Cent.	Balance to be provided for.	Sinking Fund Re- quirements for 1911.
\$125,000	Jan. 1, 1928	\$11,771 19	\$19,528 36	\$105,471 64	\$4,838 00
1,300,000	Jan. 1, 1934	363,421 49	720,856 03	579,143 97	17,798 00
2,000,000	Jan. 1, 1936	511,465 68	1,076,759 22	923,240 78	25,248 00
1,400,000	Jan. 1, 1937	342,748 79	743,378 70	656,621 30	16,980 00
1,000,000	July 1, 1938	233,147 45	528,765 34	471,234 66	11,368 00
505,000	July 1, 1939	111,287 27	260,021 87	244,978 13	5,604 00
650,000	Jan. 1, 1941	175,522 24	428,839 39	221,160 61	4,632 00
125,000	Jan. 1, 1943	17,100 61	44,344 35	80,655 65	1,531 00
340,000	July 1, 1943	47,691 28	125,525 42	214,474 58	4,009 00
300,000	Jan. 1, 1944	33,581 02	89,712 44	210,287 56	3,803 00
370,000	Jan. 1, 1945	32,459 34	89,336 83	280,663 17	4,842 00
300,000	Jan. 1, 1946	26,790 95	75,964 56	224,035 44	3,690 00
300,000	Jan. 1, 1947	18,405 67	53,765 86	246,234 14	3,874 00
70,000	Jan. 1, 1949	2,713 01	8,411 44	61,588 56	887 00
\$8,785,000	-	\$1,928,105 99	\$4,265,209 81	\$4,519,790 19	\$109,104 00

*Nantasket.*

\$600,000	July 1, 1939	\$134,074 36	\$313,263 74	\$286,736 26	\$6,558 00
100,000	Jan. 1, 1941	16,838 35	41,139 78	58,860 22	1,233 00
\$700,000	-	\$150,912 71	\$354,403 52	\$345,596 48	\$7,791 00

## METROPOLITAN PARKS LOANS, SERIES TWO.

*Sinking Fund.*

BONDS ISSUED.	Due Dates.	Sinking Fund Dec. 1, 1910.	Amount of Dec. 1, 1910, Sinking Fund at Maturity of Loan, Accumulations reckoned at 3 Per Cent.	Balance to be provided for.	Sinking Fund Re- quirements in 1911.
Jan., 1934, .	\$250,000 00	\$73,351 31	\$145,857 97	\$104,142 03	\$3,146 00
Jan., 1936, .	300,000 00	80,566 36	170,035 74	129,964 26	3,493 00
Jan., 1937, .	500,000 00	128,575 52	279,561 17	220,438 83	5,603 00
July, 1938, .	50,000 00	12,233 07	27,812 25	22,187 75	514 00
July, 1939, .	250,000 00	58,638 37	137,345 57	112,654 43	2,477 00
July, 1940, .	162,500 00	33,170 54	80,041 90	82,458 10	1,723 00
Jan., 1940, .	225,000 00	36,089 17	85,800 87	139,199 13	3,015 00
Jan., 1943, .	55,000 00	7,753 95	20,157 37	34,842 63	650 00
July, 1943, .	150,000 00	17,611 90	46,469 42	103,530 58	1,868 00
Jan., 1944, .	150,000 00	17,096 22	45,787 11	104,212 89	1,853 00
Jan., 1945, .	150,000 00	13,144 76	36,268 35	113,731 65	1,929 00
Jan., 1946, .	150,000 00	8,597 21	24,437 95	125,562 05	2,033 00
Jan., 1947, .	150,000 00	9,084 51	26,603 63	123,396 37	1,908 00
Jan., 1949, .	25,000 00	638 28	1,983 87	23,016 13	326 00
	\$2,567,500 00	\$496,551 17	\$1,128,163 17	\$1,439,336 83	\$30,538 00

## METROPOLITAN PARKS LOAN.

*Sinking Fund, Equalized.*<sup>1</sup>

[See chapter 457, Acts of 1905.]

CITIES AND TOWNS.	Sinking Fund Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the basis of the 1911 Apportionment.	Total 1911 Parks Sinking Fund Assessment due the Commonwealth.
Boston, . . . . .	\$64,865 60	—\$3,015 10	\$61,850 50
Cambridge, . . . . .	5,813 06	—83 40	5,729 66
Chelsea, . . . . .	1,406 35	+93 14	1,499 49
Everett, . . . . .	1,492 54	+358 48	1,851 02
Lynn, . . . . .	4,027 03	+1,037 53	5,064 56
Malden, . . . . .	2,329 37	+565 33	2,894 70
Medford, . . . . .	1,245 97	+66 07	1,312 04
Melrose, . . . . .	869 56	+27 08	896 64
Newton, . . . . .	3,709 54	—85 56	3,623 98
Quincy, . . . . .	1,612 56	+338 98	1,951 54
Somerville, . . . . .	3,536 06	+406 12	3,942 18
Waltham, . . . . .	1,474 00	+232 85	1,706 85
Woburn, . . . . .	648 08	+41 16	689 24
Arlington, . . . . .	615 35	+66 07	681 42
Belmont, . . . . .	340 40	+6 50	346 90
Braintree, . . . . .	182 20	—98 56	83 64
Brookline, . . . . .	5,076 61	—362 82	4,713 79
Canton, . . . . .	129 83	—94 22	35 61
Cohasset, . . . . .	—	—	—
Dedham, . . . . .	680 81	+62 82	743 63
Dover, . . . . .	161 47	+99 63	261 10
Hingham, . . . . .	195 30	—70 39	124 91
Hull, . . . . .	157 11	—75 81	81 30
Hyde Park, . . . . .	786 64	+125 63	912 27
Milton, . . . . .	1,296 15	—56 32	1,239 83
Nahant, . . . . .	226 94	—173 28	53 66
Needham, . . . . .	305 49	+76 89	382 38
Revere, . . . . .	843 37	+205 78	1,049 15
Saugus, . . . . .	328 40	+100 72	429 12
Stoneham, . . . . .	291 31	+16 24	307 55
Swampscott, . . . . .	524 79	—54 15	470 64
Wakefield, . . . . .	522 61	+74 73	597 34
Watertown, . . . . .	772 46	+84 47	856 93
Wellesley, . . . . .	677 54	+38 99	716 53
Weston, . . . . .	375 32	+3 25	378 57
Westwood, . . . . .	77 46	—41 16	36 30
Weymouth, . . . . .	233 48	—144 04	89 44
Winchester, . . . . .	663 35	+82 31	745 66
Winthrop, . . . . .	609 89	+144 04	753 93
	\$109,104 00 {	+ \$4,354 81 } — 4,354 81 }	\$109,104 00

<sup>1</sup> As the commission appointed to revise the assessment last year did not report in time to levy the assessment under the new apportionment, last year's assessment was made upon the basis of the previous apportionments, and an adjustment has been made this year as provided by Acts of 1905, chapter 457.

## METROPOLITAN PARKS LOAN, SERIES TWO (BOULEVARDS).

*Sinking Fund, Equalized.*

CITIES AND TOWNS.	Sinking Fund Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Boulevard Sinking Fund Assessment due the Commonwealth.
Boston, . . . .	\$14,335 45	+\$69 92	\$14,405 37
Cambridge, . . . .	1,623 71	+233 80	1,857 51
Chelsea, . . . .	446 77	—313 90	132 87
Everett, . . . .	666 95	—555 09	111 86
Lynn, . . . .	757 34	+96 73	854 07
Malden, . . . .	807 42	—89 95	717 47
Medford, . . . .	1,311 30	—426 33	884 97
Melrose, . . . .	403 71	+229 18	632 89
Newton, . . . .	794 60	—2 46	792 14
Quincy, . . . .	1,341 54	+717 43	2,058 97
Somerville, . . . .	894 46	—20 02	874 44
Waltham, . . . .	280 64	+20 64	301 28
Woburn, . . . .	114 52	—12 62	101 90
Arlington, . . . .	322 79	+209 16	531 95
Belmont, . . . .	181 40	+112 13	293 53
Braintree, . . . .	63 52	+4 31	67 83
Brookline, . . . .	1,165 02	+23 10	1,188 12
Canton, . . . .	45 20	—1 85	43 35
Cohasset, . . . .	—	—	—
Dedham, . . . .	140 17	+10 78	150 95
Dover, . . . .	56 50	+44 05	100 55
Hingham, . . . .	68 10	+12 01	80 11
Hull, . . . .	54 97	+6 16	61 13
Hyde Park, . . . .	321 26	+133 69	454 95
Milton, . . . .	1,208 39	—61 92	1,146 47
Nahant, . . . .	616 87	+369 03	985 90
Needham, . . . .	60 47	+12 94	73 41
Revere, . . . .	944 54	—720 50	224 04
Saugus, . . . .	57 41	+9 86	67 27
Stoneham, . . . .	65 35	+8 01	73 36
Swampscott, . . . .	110 85	—10 78	100 07
Wakefield, . . . .	94 97	+ 92	95 89
Watertown, . . . .	152 08	+8 01	160 09
Wellesley, . . . .	150 55	+16 94	167 49
Weston, . . . .	85 81	+7 70	93 51
Westwood, . . . .	26 87	+1 85	28 72
Weymouth, . . . .	81 84	+2 46	84 30
Winchester, . . . .	564 65	—167 88	396 77
Winthrop, . . . .	120 01	+22 49	142 50
	\$30,538 00 {	+ \$2,383 30 } — 2,383 30 }	\$30,538 00

## METROPOLITAN PARKS LOAN, NANTASKET.

*Sinking Fund, Equalized.*

CITIES AND TOWNS.	Sinking Fund Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Nantasket Sinking Fund Assessment due the Commonwealth.
Boston, . . . .	\$4,734 43	—\$95 59	\$4,638 84
Cambridge, . . . .	380 12	—39 06	341 06
Chelsea, . . . .	84 92	—8 32	76 60
Everett, . . . .	91 08	+10 47	101 55
Lynn, . . . .	246 82	+34 28	281 10
Malden, . . . .	149 98	+24 50	174 48
Medford, . . . .	80 87	—3 01	77 86
Melrose, . . . .	56 87	—3 00	53 87
Newton, . . . .	269 33	— 77	268 56
Quincy, . . . .	101 98	+11 40	113 38
Somerville, . . . .	217 91	—4 47	213 44
Waltham, . . . .	95 21	+6 94	102 15
Woburn, . . . .	38 80	—4 31	34 49
Arlington, . . . .	40 12	+1 08	41 20
Belmont, . . . .	22 83	— 92	21 91
Braintree, . . . .	21 58	+1 54	23 12
Brookline, . . . .	394 85	+7 55	402 40
Canton, . . . .	15 35	— 70	14 65
Cohasset, . . . .	28 05	— 46	27 59
Dedham, . . . .	47 45	+3 54	50 99
Dover, . . . .	19 09	+14 56	33 65
Hingham, . . . .	23 06	+4 08	27 14
Hull, . . . .	18 70	+2 08	20 78
Hyde Park, . . . .	50 10	+3 08	53 18
Milton, . . . .	100 04	+3 70	103 74
Nahant, . . . .	26 88	—1 62	25 26
Needham, . . . .	20 49	+4 24	24 73
Revere, . . . .	52 20	+6 93	59 13
Saugus, . . . .	19 40	+3 24	22 64
Stoneham, . . . .	17 30	—2 23	15 07
Swampscott, . . . .	37 55	—3 62	33 93
Wakefield, . . . .	32 25	+ 39	32 64
Watertown, . . . .	51 58	+2 62	54 20
Wellesley, . . . .	51 03	+5 54	56 57
Weston, . . . .	29 14	+2 62	31 76
Westwood, . . . .	9 11	+ 61	9 72
Weymouth, . . . .	27 74	+ 77	28 51
Winchester, . . . .	46 04	+4 70	50 74
Winthrop, . . . .	40 75	+7 62	48 37
	\$7,791 00 {	+\$168 08 } —168 08 }	\$7,791 00



## METROPOLITAN PARKS LOAN.

*Interest, Equalized.*

CITIES AND TOWNS.	Interest Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Parks Interest Assessment due the Commonwealth.
Boston, . . . .	\$181,779 85	—\$8,552 01	\$173,227 84
Cambridge, . . . .	16,290 57	—236 53	16,054 04
Chelsea, . . . .	3,941 17	+264 18	4,205 35
Everett, . . . .	4,182 71	+1,016 78	5,199 49
Lynn, . . . .	11,285 38	+2,942 82	14,228 20
Malden, . . . .	6,527 84	+1,603 51	8,131 35
Medford, . . . .	3,491 71	+187 38	3,679 09
Melrose, . . . .	2,436 86	+76 80	2,513 66
Newton, . . . .	10,395 63	—242 67	10,152 96
Quincy, . . . .	4,519 04	+961 48	5,480 52
Somerville, . . . .	9,909 48	+1,151 94	11,061 42
Waltham, . . . .	4,130 73	+660 45	4,791 18
Woburn, . . . .	1,816 18	+116 74	1,932 92
Arlington, . . . .	1,724 45	+187 38	1,911 83
Belmont, . . . .	953 95	+18 43	972 38
Braintree, . . . .	510 61	—279 54	231 07
Brookline, . . . .	14,226 73	—1,029 06	13,197 67
Canton, . . . .	363 85	—267 25	96 60
Cohasset, . . . .	—	—	—
Dedham, . . . .	1,907 90	+178 17	2,086 07
Dover, . . . .	452 52	+282 61	735 13
Hingham, . . . .	547 30	—199 67	347 63
Hull, . . . .	440 29	—215 02	225 27
Hyde Park, . . . .	2,204 49	+356 33	2,560 82
Milton, . . . .	3,632 36	—159 74	3,472 62
Nahant, . . . .	635 97	—491 50	144 47
Needham, . . . .	856 11	+218 10	1,074 21
Revere, . . . .	2,363 48	+583 65	2,947 13
Saugus, . . . .	920 32	+285 68	1,206 00
Stoneham, . . . .	816 36	+46 08	862 44
Swampscott, . . . .	1,470 68	—153 59	1,317 09
Wakefield, . . . .	1,464 56	+211 95	1,676 51
Watertown, . . . .	2,164 74	+239 60	2,404 34
Wellesley, . . . .	1,898 73	+110 58	2,009 31
Weston, . . . .	1,051 79	+9 21	1,061 00
Westwood, . . . .	217 09	—116 73	100 36
Weymouth, . . . .	654 31	—408 55	245 76
Winchester, . . . .	1,858 98	+233 46	2,092 44
Winthrop, . . . .	1,709 16	+408 55	2,117 71
	\$305,753 88 {	+ \$12,351 86 } —12,351 86 }	\$305,753 88



## METROPOLITAN PARKS LOAN, SERIES TWO (BOULEVARDS).

*Interest, Equalized.*

CITIES AND TOWNS.	Interest Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Boulevard Interest Assessment due the Commonwealth.
Boston, . . . . .	\$42,081 10	+\$198 72	\$42,279 82
Cambridge, . . . . .	4,766 32	+664 44	5,430 76
Chelsea, . . . . .	1,311 48	—892 05	419 43
Everett, . . . . .	1,957 80	—1,577 50	380 30
Lynn, . . . . .	2,223 15	+274 88	2,498 03
Malden, . . . . .	2,370 16	—255 62	2,114 54
Medford, . . . . .	3,849 27	—1,211 57	2,637 70
Melrose, . . . . .	1,185 08	+651 31	1,836 39
Newton, . . . . .	2,332 51	—7 01	2,325 50
Quincy, . . . . .	3,938 02	+2,038 84	5,976 86
Somerville, . . . . .	2,625 64	—56 90	2,568 74
Waltham, . . . . .	823 82	+58 66	882 48
Woburn, . . . . .	336 16	—35 89	300 27
Arlington, . . . . .	947 53	+594 41	1,541 94
Belmont, . . . . .	532 48	+318 66	851 14
Braintree, . . . . .	186 46	+12 26	198 72
Brookline, . . . . .	3,419 88	+65 65	3,485 53
Canton, . . . . .	132 67	—5 25	127 42
Cohasset, . . . . .	—	—	—
Dedham, . . . . .	411 46	+30 64	442 10
Dover, . . . . .	165 84	+125 18	291 02
Hingham, . . . . .	199 90	+34 14	234 04
Hull, . . . . .	161 36	+17 50	178 86
Hyde Park, . . . . .	943 04	+379 93	1,322 97
Milton, . . . . .	3,547 17	—175 96	3,371 21
Nahant, . . . . .	1,810 79	+1,048 75	2,859 54
Needham, . . . . .	177 49	+36 77	214 26
Revere, . . . . .	2,772 66	—2,047 60	725 06
Saugus, . . . . .	168 53	+28 02	196 55
Stoneham, . . . . .	191 84	+22 76	214 60
Swampscott, . . . . .	325 40	—30 64	294 76
Wakefield, . . . . .	278 79	+2 62	281 41
Watertown, . . . . .	446 42	+22 76	469 18
Wellesley, . . . . .	441 94	+48 15	490 09
Weston, . . . . .	251 90	+21 88	273 78
Westwood, . . . . .	78 88	+5 26	84 14
Weymouth, . . . . .	240 24	+7 00	247 24
Winchester, . . . . .	1,657 50	—477 11	1,180 39
Winthrop, . . . . .	352 30	+63 91	416 21
	\$89,642 98 {	+ \$6,773 10 } — 6,773 10 }	\$89,642 98

## METROPOLITAN PARKS LOAN, NANTASKET.

*Interest, Equalized.*

CITIES AND TOWNS.	Interest Apportionment. 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Nantasket Interest Assessment due the Commonwealth.
Boston, . . . .	\$12,761 28	—\$260 61	\$12,500 67
Cambridge, . . . .	1,024 59	—106 47	918 12
Chelsea, . . . .	228 90	—22 68	206 22
Everett, . . . .	245 49	+28 56	274 05
Lynn, . . . .	665 28	+93 45	758 73
Malden, . . . .	404 25	+66 78	471 03
Medford, . . . .	217 98	—8 19	209 79
Melrose, . . . .	153 30	—8 19	145 11
Newton, . . . .	725 97	—2 10	723 87
Quincy, . . . .	274 89	+31 08	305 97
Somerville, . . . .	587 37	—12 18	575 19
Waltham, . . . .	256 62	+18 90	275 52
Woburn, . . . .	104 58	—11 76	92 82
Arlington, . . . .	108 15	+2 94	111 09
Belmont, . . . .	61 53	—2 52	59 01
Braintree, . . . .	58 17	+4 20	62 37
Brookline, . . . .	1,064 28	+20 58	1,084 86
Canton, . . . .	41 37	—1 89	39 48
Cohasset, . . . .	75 60	—1 26	74 34
Dedham, . . . .	127 89	+9 66	137 55
Dover, . . . .	51 45	+39 69	91 14
Hingham, . . . .	62 16	+11 13	73 29
Hull, . . . .	50 40	+5 67	56 07
Hyde Park, . . . .	135 03	+8 40	143 43
Milton, . . . .	269 64	+10 08	279 72
Nahant, . . . .	72 45	—4 41	68 04
Needham, . . . .	55 23	+11 55	66 78
Revere, . . . .	140 70	+18 90	159 60
Saugus, . . . .	52 29	+8 82	61 11
Stoneham, . . . .	46 62	—6 09	40 53
Swampscott, . . . .	101 22	—9 87	91 35
Wakefield, . . . .	86 94	+1 05	87 99
Watertown, . . . .	139 02	+7 14	146 16
Wellesley, . . . .	137 55	+15 12	152 67
Weston, . . . .	78 54	+7 14	85 68
Westwood, . . . .	24 57	+1 68	26 25
Weymouth, . . . .	74 76	+2 10	76 86
Winchester, . . . .	124 11	+12 81	136 92
Winthrop, . . . .	109 83	+20 79	130 62
	\$21,000 00 {	+ \$458 22 } —458 22 }	\$21,000 00

## METROPOLITAN PARKS LOAN.

*Maintenance, Equalized.*

CITIES AND TOWNS.	Maintenance Apportionment, 1911.	Adjustment Account of Reap- portionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Parks Maintenance Assessment due the Commonwealth.
Boston, . . . .	\$242,202 11	—\$13,048 16	\$229 153 95
Cambridge, . . . .	21,705 43	—360 88	21,344 55
Chelsea, . . . .	5,251 18	+403 06	5,654 24
Everett, . . . .	5,573 01	+1,551 34	7,124 35
Lynn, . . . .	15,036 55	+4,489 99	19,526 54
Malden, . . . .	8,697 65	+2,446 53	11,144 18
Medford, . . . .	4,652 33	+285 90	4,938 23
Melrose, . . . .	3,246 85	+117 17	3,364 02
Newton, . . . .	13,851 06	—370 26	13,480 80
Quincy, . . . .	6,021 14	+1,467 01	7,488 15
Somerville, . . . .	13,203 32	+1,757 56	14,960 88
Waltham, . . . .	5,503 76	+1,007 67	6,511 43
Woburn, . . . .	2,419 86	+178 10	2,597 96
Arlington, . . . .	2,297 65	+285 90	2,583 55
Belmont, . . . .	1,271 04	+28 11	1,299 15
Braintree, . . . .	680 33	—426 50	253 83
Brookline, . . . .	18,955 58	—1,570 09	17,385 49
Canton, . . . .	484 79	—407 76	77 03
Cohasset, . . . .	—	—	—
Dedham, . . . .	2,542 08	+271 84	2,813 92
Dover, . . . .	602 93	+431 19	1,034 12
Hingham, . . . .	729 22	—304 65	424 57
Hull, . . . .	586 63	—328 08	258 55
Hyde Park, . . . .	2,937 24	+543 67	3,480 91
Milton, . . . .	4,839 72	—243 72	4,596 00
Nahant, . . . .	847 36	—749 90	97 46
Needham, . . . .	1,140 67	+332 77	1,473 44
Revere, . . . .	3,149 08	+890 50	4,039 58
Saugus, . . . .	1,226 23	+435 88	1,662 11
Stoneham, . . . .	1,087 72	+70 31	1,158 03
Swampscott, . . . .	1,959 52	—234 34	1,725 18
Wakefield, . . . .	1,951 37	+323 39	2,274 76
Watertown, . . . .	2,884 28	+365 57	3,249 85
Wellesley, . . . .	2,529 86	+168 73	2,698 59
Weston, . . . .	1,401 40	+14 06	1,415 46
Westwood, . . . .	289 24	—178 11	111 13
Weymouth, . . . .	871 80	—623 35	248 45
Winchester, . . . .	2,476 90	+356 20	2,833 10
Winthrop, . . . .	2,277 28	+623 35	2,900 63
	\$407,384 17 {	+ \$18,845 80 } —18,845 80 }	\$407,384 17

## METROPOLITAN PARKS LOAN, SERIES TWO (BOULEVARDS).

*Maintenance, Equalized.*

CITIES AND TOWNS.	Maintenance Apportionment. 1911.	Adjustment Account of Reapportionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Boulevard Maintenance Assessment due the Commonwealth.
Boston, . . . .	\$44,369 11	+\$218 94	\$44,588 05
Cambridge, . . . .	5,025 47	+732 06	5,757 53
Chelsea, . . . .	1,382 79	—982 84	399 95
Everett, . . . .	2,064 25	—1,738 06	326 19
Lynn, . . . .	2,344 02	+302 86	2,646 88
Malden, . . . .	2,499 03	—281 64	2,217 39
Medford, . . . .	4,058 56	—1,334 90	2,723 66
Melrose, . . . .	1,249 51	+717 60	1,967 11
Newton, . . . .	2,459 33	—7 72	2,451 61
Quincy, . . . .	4,152 13	+2,246 36	6,398 49
Somerville, . . . .	2,768 40	—62 69	2,705 71
Waltham, . . . .	868 61	+64 62	933 23
Woburn, . . . .	354 44	—39 55	314 89
Arlington, . . . .	999 05	+654 90	1,653 95
Belmont, . . . .	561 43	+351 08	912 51
Braintree, . . . .	196 60	+13 50	210 10
Brookline, . . . .	3,605 82	+72 34	3,678 16
Canton, . . . .	139 89	—5 79	134 10
Cohasset, . . . .	—	—	—
Dedham, . . . .	433 83	+33 75	467 58
Dover, . . . .	174 86	+137 93	312 79
Hingham, . . . .	210 77	+37 62	248 39
Hull, . . . .	170 13	+19 29	189 42
Hyde Park, . . . .	994 32	+418 60	1,412 92
Milton, . . . .	3,740 04	—193 87	3,546 17
Nahant, . . . .	1,909 24	+1,155 50	3,064 74
Needham, . . . .	187 15	+40 52	227 67
Revere, . . . .	2,923 41	—2,256 00	667 41
Saugus, . . . .	177 69	+30 87	208 56
Stoneham, . . . .	202 27	+25 08	227 35
Swampscott, . . . .	343 10	—33 76	309 34
Wakefield, . . . .	293 95	+2 90	296 85
Watertown, . . . .	470 69	+25 08	495 77
Wellesley, . . . .	465 97	+53 05	519 02
Weston, . . . .	265 59	+24 11	289 70
Westwood, . . . .	83 17	+5 79	88 96
Weymouth, . . . .	253 30	+7 72	261 02
Winchester, . . . .	1,747 62	—525 66	1,221 96
Winthrop, . . . .	371 45	+70 41	441 86
	\$94,516 99 {	+ \$7,462 48 } — 7,462 48 }	\$94,516 99

## METROPOLITAN PARKS LOAN, NANTASKET.

*Maintenance, Equalized.*

CITIES AND TOWNS.	Maintenance Apportionment, 1911.	Adjustment Account of Reapportionment of 1910 Assessment on the Basis of the 1911 Apportionment.	Total 1911 Nantasket Maintenance Assessment due the Commonwealth.
Boston, . . . .	\$16,090 54	—\$333 62	\$15,756 92
Cambridge, . . . .	1,291 89	—136 30	1,155 59
Chelsea, . . . .	288 62	—29 03	259 59
Everett, . . . .	309 54	+36 56	346 10
Lynn, . . . .	838 84	+119 63	958 47
Malden, . . . .	509 71	+85 49	595 20
Medford, . . . .	274 85	—10 49	264 36
Melrose, . . . .	193 29	—10 48	182 81
Newton, . . . .	915 37	—2 69	912 68
Quincy, . . . .	346 61	+39 78	386 39
Somerville, . . . .	740 61	—15 59	725 02
Waltham, . . . .	323 57	+24 20	347 77
Woburn, . . . .	131 86	—15 06	116 80
Arlington, . . . .	136 36	+3 76	140 12
Belmont, . . . .	77 58	—3 22	74 36
Braintree, . . . .	73 35	+5 38	78 73
Brookline, . . . .	1,341 94	+26 34	1,368 28
Canton, . . . .	52 16	—2 42	49 74
Cohasset, . . . .	95 32	—1 61	93 71
Dedham, . . . .	161 25	+12 37	173 62
Dover, . . . .	64 87	+50 81	115 68
Hingham, . . . .	78 38	+14 24	92 62
Hull, . . . .	63 55	+7 26	70 81
Hyde Park, . . . .	170 26	+10 75	181 01
Milton, . . . .	339 99	+12 90	352 89
Nahant, . . . .	91 35	—5 64	85 71
Needham, . . . .	69 64	+14 78	84 42
Revere, . . . .	177 41	+24 20	201 61
Saugus, . . . .	65 93	+11 29	77 22
Stoneham, . . . .	58 78	—7 80	50 98
Swampscott, . . . .	127 63	—12 63	115 00
Wakefield, . . . .	109 62	+1 35	110 97
Watertown, . . . .	175 29	+9 14	184 43
Wellesley, . . . .	173 44	+19 36	192 80
Weston, . . . .	99 03	+9 14	108 17
Westwood, . . . .	30 98	+2 15	33 13
Weymouth, . . . .	94 26	+2 69	96 95
Winchester, . . . .	156 49	+16 40	172 89
Winthrop, . . . .	138 48	+26 61	165 09
	\$26,478 64 {	+ \$586 58 } —586 58 }	\$26,478 64



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Sinking Fund Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Boston, . . . .	\$61,850 50	\$14,405 37	\$4,638 84	\$80,894 71
Cambridge, . . . .	5,729 66	1,857 51	341 06	7,928 23
Chelsea, . . . .	1,499 49	132 87	76 60	1,708 96
Everett, . . . .	1,851 02	111 86	101 55	2,064 43
Lynn, . . . .	5,064 56	854 07	281 10	6,199 73
Malden, . . . .	2,894 70	717 47	174 48	3,786 65
Medford, . . . .	1,312 04	884 97	77 86	2,274 87
Melrose, . . . .	896 64	632 89	53 87	1,583 40
Newton, . . . .	3,623 98	792 14	268 56	4,684 68
Quincy, . . . .	1,951 54	2,058 97	113 38	4,123 89
Somerville, . . . .	3,942 18	874 44	213 44	5,030 06
Waltham, . . . .	1,706 85	301 28	102 15	2,110 28
Woburn, . . . .	689 24	101 90	34 49	825 63
Arlington, . . . .	681 42	531 95	41 20	1,254 57
Belmont, . . . .	346 90	293 53	21 91	662 34
Braintree, . . . .	83 64	67 83	23 12	174 59
Brookline, . . . .	4,713 79	1,188 12	402 40	6,304 31
Canton, . . . .	35 61	43 35	14 65	93 61
Cohasset, . . . .	—	—	27 59	27 59
Dedham, . . . .	743 63	150 95	50 99	945 57
Dover, . . . .	261 10	100 55	33 65	395 30
Hingham, . . . .	124 91	80 11	27 14	232 16
Hull, . . . .	81 30	61 13	20 78	163 21
Hyde Park, . . . .	912 27	454 95	53 18	1,420 40
Milton, . . . .	1,239 83	1,146 47	103 74	2,490 04
Nahant, . . . .	53 66	985 90	25 26	1,064 82
Needham, . . . .	382 38	73 41	24 73	480 52
Revere, . . . .	1,049 15	224 04	59 13	1,332 32
Saugus, . . . .	429 12	67 27	22 64	519 03
Stoneham, . . . .	307 55	73 36	15 07	395 98
Swampscott, . . . .	470 64	100 07	33 93	604 64
Wakefield, . . . .	597 34	95 89	32 64	725 87
Watertown, . . . .	856 93	160 09	54 20	1,071 22
Wellesley, . . . .	716 53	167 49	56 57	940 59
Weston, . . . .	378 57	93 51	31 76	503 84
Westwood, . . . .	36 30	28 72	9 72	74 74
Weymouth, . . . .	89 44	84 30	28 51	202 25
Winchester, . . . .	745 66	396 77	50 74	1,193 17
Winthrop, . . . .	753 93	142 50	48 37	944 80
	\$109,104 00	\$30,538 00	\$7,791 00	\$147,433 00



## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Interest Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Boston, . . .	\$173,227 84	\$42,279 82	\$12,500 67	\$228,008 33
Cambridge, . . .	16,054 04	5,430 76	918 12	22,402 92
Chelsea, . . .	4,205 35	419 43	206 22	4,831 00
Everett, . . .	5,199 49	380 30	274 05	5,853 84
Lynn, . . .	14,228 20	2,498 03	758 73	17,484 96
Malden, . . .	8,131 35	2,114 54	471 03	10,716 92
Medford, . . .	3,679 09	2,637 70	209 79	6,526 58
Melrose, . . .	2,513 66	1,836 39	145 11	4,495 16
Newton, . . .	10,152 96	2,325 50	723 87	13,202 33
Quincy, . . .	5,480 52	5,976 86	305 97	11,763 35
Somerville, . . .	11,061 42	2,568 74	575 19	14,205 35
Waltham, . . .	4,791 18	882 48	275 52	5,949 18
Woburn, . . .	1,932 92	300 27	92 82	2,326 01
Arlington, . . .	1,911 83	1,541 94	111 09	3,564 86
Belmont, . . .	972 38	851 14	59 01	1,882 53
Braintree, . . .	231 07	198 72	62 37	492 16
Brookline, . . .	13,197 67	3,485 53	1,084 86	17,768 06
Canton, . . .	96 60	127 42	39 48	263 50
Cohasset, . . .	—	—	74 34	74 34
Dedham, . . .	2,086 07	442 10	137 55	2,665 72
Dover, . . .	735 13	291 02	91 14	1,117 29
Hingham, . . .	347 63	234 04	73 29	654 96
Hull, . . .	225 27	178 86	56 07	460 20
Hyde Park, . . .	2,560 82	1,322 97	143 43	4,027 22
Milton, . . .	3,472 62	3,371 21	279 72	7,123 55
Nahant, . . .	144 47	2,859 54	68 04	3,072 05
Needham, . . .	1,074 21	214 26	66 78	1,355 25
Revere, . . .	2,947 13	725 06	159 60	3,831 79
Saugus, . . .	1,206 00	196 55	61 11	1,463 66
Stoneham, . . .	862 44	214 60	40 53	1,117 57
Swampscott, . . .	1,317 09	294 76	91 35	1,703 20
Wakefield, . . .	1,676 51	281 41	87 99	2,045 91
Watertown, . . .	2,404 34	469 18	146 16	3,019 68
Wellesley, . . .	2,009 31	490 09	152 67	2,652 07
Weston, . . .	1,061 00	273 78	85 68	1,420 46
Westwood, . . .	100 36	84 14	26 25	210 75
Weymouth, . . .	245 76	247 24	76 86	569 86
Winchester, . . .	2,092 44	1,180 39	136 92	3,409 75
Winthrop, . . .	2,117 71	416 21	130 62	2,664 54
	\$305,753 88	\$89,642 98	\$21,000 00	\$416,396 86

## METROPOLITAN PARKS LOAN, INCLUDING BOULEVARDS AND NANTASKET.

*Maintenance Requirements.*

CITIES AND TOWNS.	Parks.	Boulevards.	Nantasket.	Total.
Boston, . . .	\$231,089 70	\$44,588 05	\$15,756 92	\$291,434 67
Cambridge, . . .	21,518 03	5,757 53	1,155 59	28,431 15
Chelsea, . . .	5,696 21	399 95	259 59	6,355 75
Everett, . . .	7,168 89	326 19	346 10	7,841 18
Lynn, . . .	19,646 71	2,646 88	958 47	23,252 06
Malden, . . .	11,213 72	2,217 39	595 20	14,026 31
Medford, . . .	4,975 41	2,723 66	264 36	7,963 43
Melrose, . . .	3,389 97	1,967 11	182 81	5,539 89
Newton, . . .	13,591 50	2,451 61	912 68	16,955 79
Quincy, . . .	7,536 27	6,398 49	386 39	14,321 15
Somerville, . . .	15,066 30	2,705 71	725 02	18,497 03
Waltham, . . .	6,555 42	933 23	347 77	7,836 42
Woburn, . . .	2,617 40	314 89	116 80	3,049 09
Arlington, . . .	2,601 91	1,653 95	140 12	4,395 98
Belmont, . . .	1,309 31	912 51	74 36	2,296 18
Braintree, . . .	259 27	210 10	78 73	548 10
Brookline, . . .	17,536 99	3,678 16	1,368 28	22,583 43
Canton, . . .	80 90	134 10	49 74	264 74
Cohasset, . . .	—	—	93 71	93 71
Dedham, . . .	2,834 24	467 58	173 62	3,475 44
Dover, . . .	1,038 94	312 79	115 68	1,467 41
Hingham, . . .	430 40	248 39	92 62	771 41
Hull, . . .	263 24	189 42	70 81	523 47
Hyde Park, . . .	3,504 38	1,412 92	181 01	5,098 31
Milton, . . .	4,634 68	3,546 17	352 89	8,533 74
Nahant, . . .	104 23	3,064 74	85 71	3,254 68
Needham, . . .	1,482 56	227 67	84 42	1,794 65
Revere, . . .	4,064 75	667 41	201 61	4,933 77
Saugus, . . .	1,671 91	208 56	77 22	1,957 69
Stoneham, . . .	1,166 72	227 35	50 98	1,445 05
Swampscott, . . .	1,740 84	309 34	115 00	2,165 18
Wakefield, . . .	2,290 35	296 85	110 97	2,698 17
Watertown, . . .	3,272 90	495 77	184 43	3,953 10
Wellesley, . . .	2,718 81	519 02	192 80	3,430 63
Weston, . . .	1,426 66	289 70	108 17	1,824 53
Westwood, . . .	113 44	88 96	33 13	235 53
Weymouth, . . .	255 42	261 02	96 95	613 39
Winchester, . . .	2,852 90	1,221 96	172 89	4,247 75
Winthrop, . . .	2,918 83	441 86	165 09	3,525 78
	\$410,640 11	\$94,516 99	\$26,478 64	\$531,635 74

*Wellington Bridge, Special Assessment.*

	Maintenance.	Per Cent.
Malden, . . . . .	\$911 66	14
Medford, . . . . .	1,237 26	19
Reading, . . . . .	65 12	1
Somerville, . . . . .	813 98	12½
Stoneham, . . . . .	227 92	3½
	\$3,255 94	—

*Newton and Wellesley Bridge (Chapter 391, Acts of 1903).*

	Assessment.	Interest.	Total.
Newton, . . . . .	\$1,200 00	\$42 00	\$1,242 00
Wellesley, . . . . .	600 00	21 00	621 00
Middlesex County, . . . . .	500 00	17 50	517 50
Norfolk County, . . . . .	500 00	17 50	517 50
Boston & Worcester Street Railway, .	400 00	14 00	414 00
	\$3,200 00	\$112 00	\$3,312 00

*Alewife Brook (Chapter 529 of the Acts of 1906, as amended by Chapter 529 of the Acts of 1907).*

CITIES AND TOWNS.	Assessment.	Interest.	Total.
Cambridge, . . . . .	\$2,937 50	\$594 03	\$3,531 53
Somerville, . . . . .	750 00	151 67	901 67
Arlington, . . . . .	1,500 00	303 33	1,803 33
Belmont, . . . . .	1,062 50	214 86	1,277 36
	\$6,250 00	\$1,263 89	\$7,513 89

## STATEMENT III.

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, North System.*

The gross metropolitan sewerage, north system, debt, April 1, 1911,  
was . . . . . \$6,563,000 00

showing no increase for the past year.

The sinking fund established for payment of same, April 1, 1911,  
amounted to . . . . . 1,260,807 82

an increase for the year of \$163,224.43.

The net metropolitan sewerage, north system, debt, April 1, 1911,  
was . . . . . \$5,302,192 18

a decrease for the year of \$163,224.43.

*Assessments, North System.*

Sinking fund, . . . . . \$111,095 21

One year's interest on \$6,563,000, . . . . . \$202,455 00

Six month's interest on \$113,000, omitted 1910, . . . . . 1,977 50

\$204,432 50

Less interest on deposits, 1910, . . . \$2,323 53

Less interest on deposits, 1911, . . . 30 54

2,354 07

202,078 43

Maintenance, . . . . . \$152,800 00

Less balance on hand, . . . . . 2,662 31

150,137 69

Total north metropolitan sewerage assessment, . . . . . \$463,311 33

## METROPOLITAN SEWERAGE DISTRICT.

*Debt, South System.*

The gross metropolitan sewerage, south system, debt, April 1, 1911,  
was . . . . . \$8,877,912 00

showing no increase for the past year.

The sinking funds established for payment of same, April 1, 1911,  
amounted to . . . . . 693,017 65

an increase for the year of \$95,598.88.

The net metropolitan sewerage, south system, debt, April 1, 1911,  
was . . . . . \$8,184,894 35

a decrease for the year of \$95,598.88.

*Assessments, South System.*

Sinking fund, . . . . . \$67,997 19

One year's interest on \$8,877,912, . . . . . \$298,777 36

Interest on advances, estimated, 1911, . . . . . 3,000 00

\$301,777 36

Less overestimate of interest on ad-  
vances, 1910, . . . . . \$2,425 08

Less interest on deposits, . . . . . 21 66

2,446 74

299,330 62

Maintenance, . . . . . \$101,800 00

Less balance on hand, . . . . . 958 60

100,841 40

Total south metropolitan sewerage assessment, . . . . . \$468,169 21

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM, REQUIREMENTS.

CITIES AND TOWNS.	Sinking Fund.	Maintenance.	Interest.	Total.
Arlington, . . .	\$2,744 05	\$3,212 95	\$4,991 34	\$10,948 34
Belmont, . . .	1,566 44	1,591 46	2,849 31	6,007 21
Boston, . . .	17,364 18	28,661 29	31,584 86	77,610 33
Cambridge, . . .	26,051 83	30,072 58	47,387 39	103,511 80
Chelsea, . . .	5,821 39	9,308 54	10,588 91	25,718 84
Everett, . . .	6,243 55	9,608 81	11,356 81	27,209 17
Lexington, . . .	1,088 73	1,141 05	1,980 37	4,210 15
Malden, . . .	10,276 31	12,731 67	18,692 25	41,700 23
Medford, . . .	5,543 65	6,636 09	10,083 71	22,263 45
Melrose, . . .	3,899 44	4,504 13	7,092 95	15,496 52
Revere, . . .	3,577 27	5,224 79	6,506 93	15,308 99
Somerville, . . .	14,931 20	22,160 32	27,159 34	64,250 86
Stoneham, . . .	1,177 61	2,026 86	2,142 03	5,346 50
Wakefield, . . .	2,210 79	3,273 00	4,021 36	9,505 15
Winchester, . . .	3,155 10	2,672 45	5,739 03	11,566 58
Winthrop, . . .	2,788 49	2,912 67	5,072 17	10,773 33
Woburn, . . .	2,655 18	4,399 03	4,829 67	11,883 88
	\$111,095 21	\$150,137 69	\$202,078 43	\$463,311 33

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR.	Due Date.	Sinking Fund Dec. 1, 1910.	Amount of Dec. 1, 1910, Sinking Fund at Maturity of Loan, Accumula- tions at 3 Per Cent.	Balance.	Portion of Balance to be provided for this Year.	Sinking Fund Require- ments for 1911.
\$5,330,000 (1,732,250)	Jan., 1930 Sunk.	\$1,137,642 14	\$2,003,158 28	\$5,059,091 72	\$168,636 39	\$98,667 43
465,000 (133,624)	Jan., 1930 Sunk.	83,774 33	147,509 69	451,114 31	15,037 14	8,798 08
250,000 (25,000)	July, 1943 Sunk.	10,405 80	27,388 49	247,611 51	3,095 14	1,211 49
50,000 (5,000)	Jan., 1943 Sunk.	2,096 50	5,436 52	49,563 48	619 54	246 14
55,000 (4,584)	July, 1943 Sunk.	3,662 89	9,640 87	49,943 13	1,040 48	407 27
300,000 (7,500)	Jan., 1949 Sunk.	6,163 78	19,110 24	288,389 76	3,604 87	1,197 86
113,000 (1,413)	Jan. 1949 Sunk.	882 91	2,737 38	111,675 62	1,706 15	566 94
\$6,563,000 (1,909,371)	- Sunk.	\$1,244,628 35	\$2,214,981 47	\$6,257,389 53	\$193,739 71	\$111,095 21

## METROPOLITAN SEWERAGE LOAN, NORTH SYSTEM.

BONDS ISSUED.	Due Date.	Amount provided for.	Amount to be provided for.	1911.
\$5,330,000	1930	$\frac{1}{8} + \frac{1}{6} + \frac{1}{30}$	$\frac{9}{30} + \frac{3}{8}$	$\frac{1}{30}$
265,000	1930	$\frac{70}{240} + \frac{1}{30}$	$\frac{9}{30} + \frac{3}{8}$	$\frac{1}{30}$
200,000	1930	$\frac{49}{240} + \frac{1}{30}$	$\frac{9}{30} + \frac{111}{240}$	$\frac{1}{30}$
300,000	1943	$\frac{8}{80}$	$\frac{2}{80} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{80}$
55,000	1943	$\frac{4}{48}$	$\frac{2}{48} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{48}$
300,000	1949	$\frac{2}{80}$	$\frac{8}{80} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{80}$
113,000	1949	$\frac{1}{80}$	$\frac{9}{80} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{11}{720}$



## NORTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1910 and the Census Returns of 1910. Assessment made by the Metropolitan Water and Sewerage Board.*

CITY OR TOWN.	State Valuation, Acts 1910, Chapter 357.	Proportion for Interest and Sinking Funds (Per Cent.).	Population State Census 1910.	Proportion for Maintenance and Operation (Per Cent.).
Arlington, . . .	\$12,040,688	2.47	11,187	2.14
Belmont, . . .	6,854,544	1.41	5,542	1.06
Boston, . . .	76,051,300	15.63	99,932	19.09
Charlestown, . . .				
East Boston, . . .				
Cambridge, . . .	114,094,902	23.45	104,839	20.03
Chelsea, . . .	25,493,242	5.24	32,452	6.20
Everett, . . .	27,342,393	5.62	33,484	6.40
Lexington, . . .	4,795,170 <sup>1</sup>	0.98	4,000 <sup>2</sup>	0.76
Malden, . . .	45,004,522	9.25	44,404	8.48
Medford, . . .	24,264,078	4.99	23,150	4.42
Melrose, . . .	17,063,560	3.51	15,715	3.00
Revere, . . .	15,660,186	3.22	18,219	3.48
Somerville, . . .	65,411,419	13.44	77,236	14.76
Stoneham, . . .	5,182,026	1.06	7,090	1.35
Wakefield, . . .	9,671,533	1.99	11,404	2.18
Winchester, . . .	13,826,399	2.84	9,309	1.78
Winthrop, . . .	12,219,155	2.51	10,132	1.94
Woburn, . . .	11,638,886	2.39	15,308	2.93
	\$486,614,003	100.00	523,403	100.00

<sup>1</sup> 55.49 per cent. of the town valuation derived from figures certified by the clerk of the board of assessors.

<sup>2</sup> Population of Lexington sewerage district, certified by the clerk of the board of assessors.

## METROPOLITAN SEWERAGE LOAN.

*South System.*

CITIES AND TOWNS.	Sinking Funds.	Maintenance.	Interest.	Total Assessment.
Boston, . . .	\$28,082 84	\$50,672 80	\$123,623 55	\$202,379 19
Brookline, . . .	14,211 41	8,026 98	62,560 10	84,798 49
Dedham, . . .	1,645 53	2,682 38	7,243 80	11,571 71
Hyde Park, . . .	1,801 93	4,477 36	7,932 26	14,211 55
Milton, . . .	3,603 85	2,289 10	15,864 52	21,757 47
Newton, . . .	9,696 40	11,495 92	42,684 55	63,876 87
Quincy, . . .	3,671 85	9,428 67	16,163 85	29,264 37
Waltham, . . .	3,427 06	8,047 14	15,086 26	26,560 46
Watertown, . . .	1,856 32	3,721 05	8,171 73	13,749 10
	\$67,997 19	\$100,841 40	\$299,330 62	\$468,169 21

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM, SINKING FUND.

BONDS ISSUED AND AMOUNTS ALREADY PROVIDED FOR.	Due Date.	Sinking Fund Dec. 1, 1910.	Amount of Dec. 1, 1910, Sinking Fund at Maturity of Loan, Accumulations at 3 Per Cent.	Balance.	Portion of Balance to be provided for this Year.	Sinking Fund Requirements for 1911.
\$800,000 (260,000)	Jan., 1930 Sunk.	\$168,055 68	\$295,912 14	\$764,087 86	\$25,469 59 $\frac{1}{30}$	\$14,902 00
839,000 (188,775)	Mar., 1935 Sunk.	103,998 06	214,111 65	813,663 35	13,561 06 $\frac{1}{60}$	6,785 94
65,000 (13,541)	Mar., 1936 Sunk.	7,162 53	15,191 95	63,349 05	1,055 81 $\frac{1}{60}$	512 83
1,024,912 (162,277)	July, 1939 Sunk.	77,679 66	181,497 94	1,005,691 06	16,761 51 $\frac{1}{60}$	7,390 62
3,586,000 (508,016)	July, 1940 Sunk.	231,134 85	556,367 70	3,537,648 30	58,960 80 $\frac{1}{60}$	25,234 75
996,000 (99,600)	Jan., 1943 Sunk.	41,485 64	107,578 25	988,021 75	12,350 27 $\frac{1}{80}$	4,906 62
392,000 (32,666)	July, 1944 Sunk.	12,565 99	34,073 87	390,592 13	5,424 89 $\frac{1}{72}$	2,061 10
175,000 (9,722)	Jan., 1946 Sunk.	9,586 24	27,181 36	157,540 64	2,188 06 $\frac{1}{72}$	795 01
1,000,000 (46,875)	Jan., 1946 Sunk.	33,231 07	94,225 24	952,649 76	14,885 15 $\frac{1}{64}$	5,408 32
\$8,877,912 (1,321,472)	- Sunk.	\$684,899 72	\$1,526,140 10	\$8,673,243 90	\$150,657 14	\$67,997 19

## METROPOLITAN SEWERAGE LOAN, SOUTH SYSTEM.

*Amounts provided for and to be provided for.*

DUE DATES.	Bonds issued.	Amount provided for.	Amount to be provided for.	1911.
1930, . . . . .	\$800,000	$\frac{1}{8} + \frac{1}{6} + \frac{1}{30}$	$\frac{9}{30} + \frac{3}{8}$	$\frac{1}{30}$
1935, . . . . .	839,000	$\frac{1}{8} + \frac{6}{60}$	$\frac{4}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
1936, . . . . .	65,000	$\frac{1}{8} + \frac{5}{60}$	$\frac{5}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
1939, . . . . .	1,024,912	$\frac{1}{8} + \frac{2}{60}$	$\frac{8}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
1940, . . . . .	3,586,000	$\frac{1}{8} + \frac{1}{60}$	$\frac{9}{60} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{60}$
1943, . . . . .	996,000	$\frac{8}{80}$	$\frac{2}{80} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{8}{80}$
1944, . . . . .	392,000	$\frac{6}{72}$	$\frac{3}{72} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{72}$
1946, . . . . .	175,000	$\frac{4}{72}$	$\frac{5}{72} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{72}$
1946, . . . . .	1,000,000	$\frac{3}{64}$	$\frac{5}{64} + \frac{1}{6} + \frac{1}{3} + \frac{3}{8}$	$\frac{1}{64}$

## SOUTH METROPOLITAN SYSTEM.

*Ratios of Contribution on the Basis of the Valuations of 1910 and the Census Returns of 1910. Assessment made by the Metropolitan Water and Sewerage Board.*

CITY OR TOWN.	State Valuation, Acts 1910, Chapter 357.	Proportion for Interest and Sinking Funds (Per Cent.).	Population State Census 1910.	Proportion for Maintenance and Operation (Per Cent.).
Waltham, . . . . .	\$28,563,213	5.04	27,834	7.98
Watertown, . . . . .	15,479,139	2.73	12,875	3.69
Newton, . . . . .	80,837,081	14.26	39,806	11.40
Boston, . . . . .	234,192,300	41 30	175,431	50 25
Brighton District, . . . . .	36,092,700	—	26,575	—
Back Bay District, . . . . .	59,454,800	—	18,048	—
Roxbury District, . . . . .	46,642,000	—	45,957	—
West Roxbury District, . . . . .	39,895,000	—	28,608	—
Dorchester District, . . . . .	52,107,800	—	56,243	—
Brookline, . . . . .	118,513,924	20 90	27,792	7.96
Dedham, . . . . .	13,732,094 <sup>1</sup>	2.42	9,284	2.66
Hyde Park, . . . . .	15,041,961	2.65	15,507	4.44
Milton, . . . . .	30,027,548	5.30	7,924	2.27
Quincy, . . . . .	30,606,390	5.40	32,642	9.35
	\$566,993,650	100.00	\$349,095	100.00

<sup>1</sup> 96.38 per cent. of the town valuation, derived from figures certified by the clerk of the board of assessors.

## METROPOLITAN PARKS AND SEWERAGE LOANS.

*Comparison of Assessments, 1910 and 1911.*

CITIES AND TOWNS.	PARKS.		SEWER.	
	1910.	1911.	1910.	1911.
Boston, . . .	\$685,093 37	\$601,526 77	\$269,658 61	\$279,989 52
Cambridge, . . .	60,573 68	62,400 39	99,695 56	103,511 80
Chelsea, . . .	16,633 75	12,921 49	26,911 34	25,718 84
Everett, . . .	18,304 86	15,786 81	25,610 54	27,209 17
Lynn, . . .	30,330 46	47,010 57	—	—
Malden, . . .	22,442 80	29,484 24	39,209 87	41,700 23
Medford, . . .	30,973 21	18,024 98	20,901 64	22,263 45
Melrose, . . .	8,494 76	11,634 39	14,834 95	15,496 52
Newton, . . .	39,577 62	36,152 80	63,310 01	63,876 87
Quincy, . . .	15,379 35	30,237 95	28,372 01	29,264 37
Somerville, . . .	39,029 67	39,512 91	61,151 21	64,250 86
Waltham, . . .	12,503 46	15,922 90	26,502 34	26,560 46
Woburn, . . .	6,117 47	6,212 61	11,505 50	11,883 88
Arlington, . . .	5,537 80	11,030 02	10,319 02	10,948 34
Belmont, . . .	3,369 12	6,124 65	5,545 04	6,007 21
Braintree, . . .	2,840 73	1,218 19	—	—
Brookline, . . .	54,898 40	46,748 86	83,289 83	84,798 49
Canton, . . .	2,266 69	624 23	—	—
Cohasset, . . .	203 44	195 64	—	—
Dedham, . . .	6,228 09	7,099 21	11,219 96	11,571 71
Dover, . . .	616 47	2,982 96	—	—
Hingham, . . .	2,687 68	1,662 11	—	—
Hull, . . .	2,354 19	1,149 76	—	—
Hyde Park, . . .	7,011 87	10,560 35	14,148 98	14,211 55
Lexington, . . .	—	—	4,066 79	4,210 15
Milton, . . .	20,582 01	18,171 09	21,468 88	21,757 47
Nahant, . . .	5,222 82	7,395 71	—	—
Needham, . . .	2,298 61	3,636 02	—	—
Reading, . . .	453 70	65 12	—	—
Revere, . . .	17,144 88	10,113 34	13,481 40	15,308 99
Saugus, . . .	2,289 20	3,946 40	—	—
Stoneham, . . .	4,359 42	3,191 86	5,084 89	5,346 50
Swampscott, . . .	5,843 89	4,482 64	—	—
Wakefield, . . .	4,514 01	5,479 53	9,057 67	9,505 15
Watertown, . . .	6,933 19	8,058 16	13,430 95	13,749 10
Wellesley, . . .	7,079 27	7,656 71	—	—
Weston, . . .	3,753 90	3,755 71	—	—
Westwood, . . .	1,200 47	522 44	—	—
Weymouth, . . .	3,818 86	1,389 78	—	—
Winchester, . . .	10,140 63	8,862 83	11,008 98	11,566 58
Winthrop, . . .	4,689 60	7,146 30	9,662 19	10,773 33
	\$1,173,793 40	\$1,110,098 43 <sup>1</sup>	\$899,448 16	\$931,480 54

<sup>1</sup> Includes \$12,632.83 special assessments for Wellington and Wellesley Bridges also Alewife Brook.

## CHARLES RIVER BASIN LOAN.

CITY OR TOWN.	Sinking Fund Re- quirement.	Interest Re- quirement.	Cost of Mainte- nance.	Serial Bonds.	Total Assess- ment.
Boston, { Bridge, . . .	\$33,004 03	\$74,602 38	\$56,092 79	\$4,801 68	\$476,001 28
{ District, . . .	66,823 52	240,676 88			
Cambridge, { Bridge, . . .	33,004 02	74,602 38	4,504 01	760 08	161,546 14
{ District, . . .	10,577 80	38,097 85			
Chelsea, . . . . .	1,087 73	3,917 65	1,006 21	78 16	6,089 75
Everett, . . . . .	1,166 78	4,202 35	1,078 87	83 84	6,531 84
Lynn, . . . . .	3,162 99	11,392 06	2,924 80	227 28	17,707 13
Malden, . . . . .	1,921 62	6,921 05	1,776 96	138 08	10,757 71
Medford, . . . . .	1,035 40	3,729 19	957 46	74 40	5,796 45
Melrose, . . . . .	728 12	2,622 46	673 26	52 32	4,076 16
Newton, . . . . .	3,450 23	12,426 61	3,190 61	247 92	19,315 37
Quincy, . . . . .	1,305 94	4,703 59	1,207 63	93 84	7,311 00
Somerville, . . . . .	2,792 25	10,056 77	2,581 74	200 64	15,631 40
Waltham, . . . . .	1,219 10	4,390 82	1,127 62	87 60	6,825 14
Woburn, . . . . .	497 66	1,792 42	459 87	35 76	2,785 71
Arlington, . . . . .	514 36	1,852 56	475 51	36 96	2,879 39
Belmont, . . . . .	292 81	1,054 60	270 41	21 04	1,638 86
Braintree, . . . . .	276 11	994 45	255 69	19 84	1,546 09
Brookline, . . . . .	5,060 11	18,224 89	4,678 77	363 60	28,327 37
Canton, . . . . .	197 06	709 75	182 11	14 16	1,103 08
Dedham, . . . . .	609 00	2,193 40	562 89	43 76	3,409 05
Dover, . . . . .	244 93	832 17	226 26	17 60	1,370 96
Hingham, . . . . .	296 15	1,066 63	274 08	21 28	1,658 14
Hull, . . . . .	239 37	862 12	221 66	17 20	1,340 35
Hyde Park, . . . . .	642 39	2,313 70	594 16	46 16	3,596 41
Milton, . . . . .	1,282 56	4,619 38	1,185 56	92 16	7,179 66
Nahant, . . . . .	345 13	1,243 06	319 15	24 80	1,932 14
Needham, . . . . .	262 75	946 33	242 81	18 88	1,470 77
Revere, . . . . .	668 00	2,405 93	618 07	48 00	3,740 00
Saugus, . . . . .	248 27	894 20	229 94	17 84	1,390 25
Stoneham, . . . . .	220 44	793 96	204 18	15 84	1,234 42
Swampscott, . . . . .	480 96	1,732 27	445 16	34 56	2,692 95
Wakefield, . . . . .	413 05	1,487 66	381 70	29 68	2,312 09
Watertown, . . . . .	660 21	2,377 86	610 71	47 44	3,696 22
Wellesley, . . . . .	654 64	2,357 81	605 20	47 04	3,664 69
Weston, . . . . .	372 97	1,343 31	344 91	26 80	2,087 99
Westwood, . . . . .	116 90	421 04	108 53	8 40	654 87
Weymouth, . . . . .	355 15	1,279 15	328 35	25 52	1,988 17
Winchester, . . . . .	590 07	2,125 24	545 41	42 40	3,303 12
Winthrop, . . . . .	521 04	1,876 62	481 95	37 44	2,917 05
	\$177,341 62	\$550,192 55	\$91,975 00	\$8,000 00	\$827,509 17



## STATEMENT OF THE DEBTS OF THE METRO

		METROPOLITAN PARKS.		METROPOLITAN PARKS. NANTASKET.		METROPOLITAN PARKS BOULEVARDS.	
Bonds outstanding under sinking fund system of payment, . . . . .		\$8,785,000 00		\$700,000 00		\$2,567,500 00	
Bonds outstanding under serial pay- ment plan, . . . . .		50,000 00		—		—	
Gross debt, . . . . .		\$8,835,000 00		\$700,000 00		\$2,567,500 00	
Sinking funds, . . . . .		1,962,439 91		153,599 38		505,407 18	
Net debt, . . . . .		\$6,872,560 09		\$546,400 62		\$2,062,092 82	
		Per Cent.		Per Cent.		Per Cent.	
1	Arlington, . . . . .	.00564	\$38,761 24	.00515	\$2,813 96	.01057	\$21,796 32
2	Belmont, . . . . .	.00312	21,442 39	.00293	1,600 95	.00594	12,248 83
3	Boston, . . . . .	.59453	4,085,943 15	.60768	332,036 73	.46943	968,008 23
4	Braintree, . . . . .	.00167	11,477 17	.00277	1,513 53	.00208	4,289 15
5	Brookline, . . . . .	.04653	319,780 22	.05068	27,691 58	.03815	78,668 84
6	Cambridge, . . . . .	.05328	366,170 00	.04879	26,658 89	.05317	109,641 47
7	Canton, . . . . .	.00119	8,178 35	.00197	1,076 41	.00148	3,051 90
8	Chelsea, . . . . .	.01289	88,587 30	.01090	5,955 77	.01463	30,168 42
9	Cohasset, . . . . .	—	—	.00360	1,967 04	—	—
10	Dedham, . . . . .	.00624	42,884 77	.00609	3,327 58	.00459	9,465 01
11	Dover, . . . . .	.00148	10,171 39	.00245	1,338 68	.00185	3,814 87
12	Everett, . . . . .	.01368	94,016 62	.01169	6,387 42	.02184	45,036 11
13	Hingham, . . . . .	.00179	12,301 88	.00296	1,617 35	.00223	4,598 47
14	Hull, . . . . .	.00144	9,896 49	.00240	1,311 36	.00180	3,711 77
15	Hyde Park, . . . . .	.00721	49,551 16	.00643	3,513 36	.01052	21,693 22
16	Lexington, . . . . .	—	—	—	—	—	—
17	Lynn, . . . . .	.03691	253,666 19	.03168	17,309 97	.02480	51,139 90
18	Malden, . . . . .	.02135	146,729 16	.01925	10,518 21	.02644	54,521 73
19	Medford, . . . . .	.01142	78,484 64	.01038	5,671 64	.04294	88,546 27
20	Melrose, . . . . .	.00797	54,774 30	.00730	3,988 72	.01322	27,260 87
21	Milton, . . . . .	.01188	81,646 01	.01284	7,015 78	.03957	81,597 01
22	Nahant, . . . . .	.00208	14,294 92	.00345	1,885 08	.02020	41,654 27
23	Needham, . . . . .	.00280	19,243 17	.00263	1,437 03	.00198	4,082 94
24	Newton, . . . . .	.03400	233,667 04	.03457	18,889 07	.02602	53,655 66
25	Quincy, . . . . .	.01478	101,576 44	.01309	7,152 38	.04393	90,587 74
26	Revere, . . . . .	.00773	53,124 89	.00670	3,660 88	.03093	63,780 53
27	Saugus, . . . . .	.00301	20,686 40	.00249	1,360 54	.00188	3,876 73
28	Somerville, . . . . .	.03241	222,739 67	.02797	15,282 83	.02929	60,398 70
29	Stoneham, . . . . .	.00267	18,349 74	.00222	1,213 01	.00214	4,412 88
30	Swampscott, . . . . .	.00481	33,057 01	.00482	2,633 65	.00363	7,485 40
31	Wakefield, . . . . .	.00479	32,919 56	.00414	2,262 10	.00311	6,413 11
32	Waltham, . . . . .	.01351	92,848 29	.01222	6,677 02	.00919	18,950 63
33	Watertown, . . . . .	.00708	48,657 73	.00662	3,617 17	.00498	10,269 22
34	Wellesley, . . . . .	.00621	42,678 60	.00655	3,578 92	.00493	10,166 12
35	Weston, . . . . .	.00344	23,641 61	.00374	2,043 54	.00281	5,794 48
36	Westwood, . . . . .	.00071	4,879 52	.00117	639 29	.00088	1,814 64
37	Weymouth, . . . . .	.00214	14,707 28	.00356	1,945 19	.00268	5,526 41
38	Winchester, . . . . .	.00608	41,785 17	.00591	3,229 23	.01849	38,128 10
39	Winthrop, . . . . .	.00559	38,417 61	.00523	2,857 68	.00393	8,104 02
40	Woburn, . . . . .	.00594	40,823 01	.00498	2,721 08	.00375	7,732 85
		1.00000	\$6,872,560 09	1.00000	\$546,400 62	1.00000	\$2,062,092 82

## POLITAN DISTRICT (ACTS OF 1911, CHAPTER 526).

METROPOLITAN SEWERAGE, NORTH SYSTEM.		METROPOLITAN SEWERAGE, SOUTH SYSTEM.		METROPOLITAN WATER.		CHARLES RIVER BASIN.			
\$6,563,000 00		\$8,877,912 00		\$41,398,000 00		\$4,125,000 00		TOTALS.	
-		-		200,000 00		300,000 00			
\$6,563,000 00		\$8,877,912 00		\$41,598,000 00		\$4,425,000 00			
1,267,078 70		697,016 64		8,229,772 44		337,422 48			
\$5,295,921 30		\$8,180,895 36		\$33,368,227 56		\$4,087,577 52*			
						2,444,603 45†			
Per Cent.		Per Cent.		Per Cent.		Per Cent.			
2.47	\$130,809 26	-	-	.007822257	\$261,014 85	.00462	\$10,370 07	\$465,565 70	1
1.41	74,672 49	-	-	.003188925	106,408 78	.00263	5,903 31	222,276 75	2
15.63	827,752 50	41.30	\$3,378,709 78	.782402781	26,107,394 04	.60021	*2,638,175 44	38,338,019 87	3
-	-	-	-	-	-	.00248	5,566 62	22,846 47	4
-	-	20.90	1,709,807 13	-	-	.04545	102,017 23	2,237,965 00	5
23.45	1,241,893 54	-	-	-	-	.09501	*765,291 84	2,509,655 74	6
-	-	-	-	-	-	.00177	3,972 95	16,279 61	7
5.24	277,506 28	-	-	.021709802	724,417 61	.00977	21,929 78	1,148,565 16	8
-	-	-	-	-	-	-	-	1,967 04	9
-	-	2.42	197,977 67	-	-	.00547	12,277 98	265,933 01	10
-	-	-	-	-	-	.00220	4,938 13	20,263 07	11
5.62	297,630 78	-	-	.020558127	685,988 27	.01048	23,523 44	1,152,582 64	12
-	-	-	-	-	-	.00266	5,970 64	24,488 34	13
-	-	-	-	-	-	.00215	4,825 90	19,745 52	14
-	-	2.65	216,793 73	.000552261	18,427 97	.00577	12,951 36	322,930 80	15
0.98	51,900 03	-	-	.003531279	117,832 52	-	-	169,732 55	16
-	-	-	-	-	-	.02841	63,769 18	385,885 24	17
9.25	489,872 72	-	-	.018785958	626,854 12	.01726	38,741 86	1,367,237 80	18
4.99	264,266 47	-	-	.012927107	431,354 65	.00930	20,874 81	889,198 48	19
3.51	185,886 84	-	-	.009087008	303,217 35	.00654	14,679 71	589,807 79	20
-	-	5.30	433,587 45	.006873493	229,356 28	.01152	25,857 83	859,060 36	21
-	-	-	-	.002275357	75,924 63	.00310	6,958 27	140,717 17	22
-	-	-	-	-	-	.00236	5,297 26	30,060 40	23
-	-	14.26	1,166,595 68	.002776196	92,636 74	.03099	69,560 26	1,635,004 45	24
-	-	5.40	441,768 35	.023321867	778,209 36	.01173	26,329 20	1,445,623 47	25
3.22	170,528 67	-	-	.011153924	372,186 67	.00600	13,467 62	676,749 26	26
-	-	-	-	-	-	.00223	5,005 47	30,929 14	27
13.44	711,771 82	-	-	.049332710	1,646,145 09	.02508	56,294 65	2,712,632 76	28
1.06	56,136 77	-	-	.004824335	160,979 51	.00198	4,444 31	245,536 22	29
-	-	-	-	.004565455	152,341 14	.00432	9,696 69	205,213 89	30
1.99	105,388 83	-	-	-	-	.00371	8,327 48	155,311 08	31
-	-	5.04	412,317 13	-	-	.01095	24,578 41	555,371 48	32
-	-	2.73	223,338 44	.007959204	265,584 53	.00593	13,310 50	564,777 59	33
-	-	-	-	-	-	.00588	13,198 27	69,621 91	34
-	-	-	-	-	-	.00335	7,519 42	38,999 05	35
-	-	-	-	-	-	.00105	2,356 83	9,690 28	36
-	-	-	-	-	-	.00319	7,160 28	29,339 16	37
2.84	150,404 16	-	-	-	-	.00530	11,896 40	245,443 06	38
2.51	132,927 62	-	-	.006351954	211,953 45	.00468	10,504 74	404,765 12	39
2.39	126,572 52	-	-	-	-	.00447	10,033 38	187,882 84	40
100.00	\$5,295,921 30	100.00	\$8,180,895 36	1.000000000	\$33,368,227 56	1.00000	\$4,087,577 52	\$60,413,675 27	

\* See next page for detail.

† District proportion.

## CHARLES RIVER BASIN DEBT ANALYZED.

	Total.	Cambridge, Craigie Bridge.	Boston, Craigie Bridge.	Boston, Em- bankment.	Boston, Advanced As- sessments, District.	District.
Gross debt, .	\$4,425,000 00	\$600,000 00	\$600,000 00	\$847,636 43	—	\$2,377,363 57
Sinking fund,	337,422 48	47,967 93	47,967 93	—	\$108,726 50	132,760 12
Net debt,.	\$4,087,577 52	\$552,032 07	\$552,032 07	\$847,636 43	\$108,726 50	\$2,244,603 45

Boston, Craigie bridge,	.	.	.	.	\$552,032 07	
Embankment,	.	.	.	.	847,636 43	
District,	.	.	.	.	\$1,347,233 44	
Less sinking fund advance assessment,	.	.	.	.	108,726 50	
					<hr/> 1,238,506 94	
					<hr/> \$2,638,175 44	
Cambridge, Craigie bridge,	.	.	.	.	\$552,032 07	
District,	.	.	.	.	213,259 77	
					<hr/> \$765,291 84	

## SINKING FUND TABLE.

One dollar put in each year, with interest at the rate of 3 per cent. per annum, compounded semi-annually, amounts to the following in from 1 to 50 years, both inclusive:—

To find what amount must be put in each year to sink a given sum at maturity, divide the sum to be sunk by the figures which stand against the number of years and the result will be the amount necessary.

For instance, to find the amount necessary each year, to sink three hundred thousand dollars (\$300,000) in thirty years, divide \$300,000 by 49.19242586.

\$1 for 1 year	=	1.03022500	\$1 each year for 19 years	=	25.93195699
\$1 in 2 years	=	1.06136355	\$1 in 20 years	=	1.81401838
\$1 each year for 2 years	=	2.09158855	\$1 each year for 20 years	=	27.74597537
\$1 in 3 years	=	1.09344326	\$1 in 21 years	=	1.86884708
\$1 each year for 3 years	=	3.18503181	\$1 each year for 21 years	=	29.61482245
\$1 in 4 years	=	1.12649258	\$1 in 22 years	=	1.92533299
\$1 each year for 4 years	=	4.31152439	\$1 each year for 22 years	=	31.54015544
\$1 in 5 years	=	1.16054082	\$1 in 23 years	=	1.98352617
\$1 each year for 5 years	=	5.47206521	\$1 each year for 23 years	=	33.52368161
\$1 in 6 years	=	1.19561816	\$1 in 24 years	=	2.04347825
\$1 each year for 6 years	=	6.66768337	\$1 each year for 24 years	=	35.56715986
\$1 in 7 years	=	1.23175572	\$1 in 25 years	=	2.10524238
\$1 each year for 7 years	=	7.89943909	\$1 each year for 25 years	=	37.67240224
\$1 in 8 years	=	1.26898553	\$1 in 26 years	=	2.16887333
\$1 each year for 8 years	=	9.16842462	\$1 each year for 26 years	=	39.84127557
\$1 in 9 years	=	1.30734062	\$1 in 27 years	=	2.23442753
\$1 each year for 9 years	=	10.47576524	\$1 each year for 27 years	=	42.07570310
\$1 in 10 years	=	1.34685499	\$1 in 28 years	=	2.30196310
\$1 each year for 10 years	=	11.82262023	\$1 each year for 28 years	=	44.37766620
\$1 in 11 years	=	1.38756368	\$1 in 29 years	=	2.37153993
\$1 each year for 11 years	=	13.21018391	\$1 each year for 29 years	=	46.74920613
\$1 in 12 years	=	1.42950279	\$1 in 30 years	=	2.44321973
\$1 each year for 12 years	=	14.63968670	\$1 each year for 30 years	=	49.19242586
\$1 in 13 years	=	1.47270952	\$1 in 31 years	=	2.51706605
\$1 each year for 13 years	=	16.11239622	\$1 each year for 31 years	=	51.70949191
\$1 in 14 years	=	1.51722216	\$1 in 32 years	=	2.59314437
\$1 each year for 14 years	=	17.62961838	\$1 each year for 32 years	=	54.30263628
\$1 in 15 years	=	1.56308020	\$1 in 33 years	=	2.67152215
\$1 each year for 15 years	=	19.19269858	\$1 each year for 33 years	=	56.97415843
\$1 in 16 years	=	1.61032430	\$1 in 34 years	=	2.75226890
\$1 each year for 16 years	=	20.80302288	\$1 each year for 34 years	=	59.72642733
\$1 in 17 years	=	1.65899635	\$1 in 35 years	=	2.83545622
\$1 each year for 17 years	=	22.46201923	\$1 each year for 35 years	=	62.56188355
\$1 in 18 years	=	1.70913951	\$1 in 36 years	=	2.92115788
\$1 each year for 18 years	=	24.17115874	\$1 each year for 36 years	=	65.48304143
\$1 in 19 years	=	1.76079825	\$1 in 37 years	=	3.00944986
\$1 each year for 19 years	=	25.93195699	\$1 each year for 37 years	=	68.49249129

SINKING FUND TABLE — *Concluded.*

\$1 each year for 37 years = 68.49249129	\$1 each year for 44 years = 92.26545692
\$1 in 38 years = 3.10041047	\$1 in 45 years = 3.81894828
\$1 each year for 38 years = 71.59290176	\$1 each year for 45 years = 96.08440520
\$1 in 39 years = 3.19412036	\$1 in 46 years = 3.93437598
\$1 each year for 39 years = 74.78702212	\$1 each year for 46 years = 100.01878118
\$1 in 40 years = 3.29066264	\$1 in 47 years = 4.05329248
\$1 each year for 40 years = 78.07768476	\$1 each year for 47 years = 104.07207366
\$1 in 41 years = 3.39012290	\$1 in 48 years = 4.17580323
\$1 each year for 41 years = 81.46780766	\$1 each year for 48 years = 108.24787689
\$1 in 42 years = 3.49258936	\$1 in 49 years = 4.30201689
\$1 each year for 42 years = 84.96039702	\$1 each year for 49 years = 112.54989378
\$1 in 43 years = 3.59815287	\$1 in 50 years = 4.43204535
\$1 each year for 43 years = 88.55854989	\$1 each year for 50 years = 116.98193913
\$1 in 44 years = 3.70690703	
\$1 each year for 44 years = 92.26545692	



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